to

to

Well No. Barr No. 1

# HISTORY OF OIL OR GAS WELL

(Submit in duplicate)

In compliance with rules and regulations adopted pursuant to ORS 520,095 (Chapter 667 OL 1953)

Operator inn County Oil Development Company Field Labanon Grea

, Sec. 32 , T. 11 J. R. 1 , .F. W.B. & M.

Signed

Title Date February 9, 1959

(President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to dementing or landing depth of casings, number of sacks of dement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of snots. Date If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

10-24-58 Hegan moving in equipment from acramento, California.

10-25-58 Rigging up drilling equipment.

10-26-58 | pudded at 8:00 a.m., 10-26-58. Drilled 9-7/8" hole to 532 feet (using 3-1/2" drill pipe).

10-27-58 Erilled 9-7/8" hole to 621 feet. Ean in with a 15" bit and opened 9-7/8" hole to 15" from surface to 595 feet. 10**-28**-58

10-29-58 Cemented 10-3/4" 32 casing at 440 feet with 360 sacks of construction cement.

10-30-58 Itanding cemented 20 hours. Landed casing and flanged up a.v. . Out cement on outside of casing at surface. Ran in with 8-3/4" bit on 3-1/2" heed Internal Flush drill pine and drilled out the casing shoe. Gasing dropped 1 foot - cement job no good. Ordered Malliburton oil well cementing truck from Rio Vista, California.

aited on cementing truck 39 hours. Installed Baroid logging equipment (gas analyzer, 10-31-58 ultraviolet lamp, and binocular microscope, higged up cementing equipment. Flug 1 478-4631. has in with 3-1/2" open end drill pipe to 478 feet. Tumped in 15 sacks 11- 1-58 of construction cement C.I. 7:00 a.m.

> aited 4 hours for cement to harden. can in with 8-3/4" bit on drill pipe and found no cement. Tug 11 (478-4731). Hung 3-1/2" open end drill pine at 478 feet and pumped in 17 sacks of construction coment treated with 25 CaCl2. \_isplaced coment with 13 cu. ft. of water. C.I. 3:35 p.m. sixing and pumping time 30 minutes.

aited on cement 12 hours. Ran in with 3 open end drill pipe and hit the top of 11- 2-58 hard cement at 463 feet.

> 10-3/L" casing shoe squeezed with 191 sacks of construction cement. Closed Thaeffer nips rams and squeezed cement around the shoe in stages until a pressure build up was optained. Displaced coment with 88 cu. ft. of water. C.I. . 6:00 a.m. Fixing and pumping time 3 hours. saited on cement 152 hours.

#### STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES 1069 State Office Building Portland 1, Oregon

### HISTORY OF OIL OR GAS WELL (Submit in duplicate)

In compliance with rules and regulations adopted pursuant to CRS 530, 095 (Chapter 667 OL 1953)

Operator Linn County Mil Development Company Field Debanon area

Well No. Barr So. 1

, Sec. 32 , T. 11 L. R. 14., . .

W. B. & M.

Signed

Date February 9, 1959

Title

(President, Secretary or Agent)

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- 13-30-58 ulled out of hole with dril, pipe and found that drill collars had unscrewed. Fish (4529-4425), alted on fishing tools 17 hours. Fan in with spear (?). Could not recover fish.
- 12- 1-58 | Man in with 7-7/8" bit on 3-1/2" drill pipe and reamed hole from 4210 to 4281 feet. Hole caving (4200-43001). Repairing mechinery - 4 hours.
- 12- 2-58 Rigged un Schlumberger equipment. Lan in with induction log sonde. Found hole was tight. Logged interval 4300-424', san in with 7-7/8' bit on 3-1/2' drill pipe and cleaned out the hole to while feet. Conditioned mui.
  - han schlumberger electric log (4300-440). Ran in with 7-7/8 bit on 3-1/2 drill pipe. Conditioned mud.
- 12- 3-58 Girculating waiting on casing from Bakersfield 48 hours. to

12- 4-58

Date

- 12-5-58 Circulating waiting on casing 16 hours. Unloaded casing. Pulled out laying down dril pipe.
- 12-6-58 Continued laying down drill pipe.

9 15.5% casing cemented at 4422 feet with 600 sacks of cement: man in 4434 feet of 5-1/2" 15.5" casing and cemented around the shoe with 600 sacks of construction cement. Displaced cement with 584 cu. ft. of much. C.I. . 4:00 p.m.

Theoretical top of cement on outside of the 5-1/2" casing was 1670 feet allowing 15% excess.

12- 7-58 tanding comented - 48 hours.

to 12- 8-58

- 10- 9-58 standing cemented 8 hours. Landed 5-1/2" casing. Flanged up B. .... aited on tubing - 5 hours.

# HISTORY OF OIL OR GAS WELL (Submit in duplicate)

In compliance with rules and regulations adopted pursuant to ORS 520.095 (Chapter 667 OL 1953)

Operator Linn County Oil Development Company Field Lebanon area

Well No. Barr No. 1 . Sec. 32 . T. 11 3. R. 1 ., 4.00. W.B. & M.

Signed

Date February 9, 1959

Title

(President, Secretary or Agent)

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12-10-58

Date

aited on tubing - 6 hours. Unloaded tubing. Ficked up tubing kelly. Tested B.C. with 600 psi - C.A. han in the hole with  $4-3/4^n$  bit on  $2-7/8^n$  tubing.

Found top of cement at 4233 feet inside the 5-1/2" casing [1891]. Frilled out cement. But so badly contaminate: that pump pressure was 1500 psi.

12-11-58 Continued drilling out cement to 4412 feet. Circulated and conditioned mud. Erotted fresh water at 4323 feet.

Our perforated 4-1/2" holes per foot with Lane Lells Bullet Gun (4.298-4.321). An in with Halliburton tester on 2-7/8" tubing. Set packer at 4283 feet, perforated tail to 4294 feet. Spened tool at 1:00 p.m. Had a medium steady blow for 1 hour 5 minutes, then gas surfaced. Leady light gas blow remainder of test. Tool was open 2 hours. Bas burned with a yellowish-blue flame. Bulled out with tester. Lecovered: 620 feet net rise of fluid; 440 feet of gas cut mud and 180 feet of muddy fresh water. Chartes showed tool was open during the entire test.

12-12-58 - aited on orders - 16 hours.

Acidized (4298-4321', with 500 gallons of mud acid. Fan in with Calliburton squeeze tool on 2-7/8" drill pipe and set at 4298 feet. Lisplaced Loid with 140 cu. ft. of mud. Squeezed perforation with 50 gallons (10 barrels, of acid.

12-13-58 Let acid stand in hole. Back scuttled acid out of hole.

Trill Stem Test No. 2 (4298-4321). San in with dalliburton tester on 2-7/8" tubing. Set packer at 4283 feet, perforated tail to 4294 feet. Spened tool at 11:00 a.m. raint blow for 30 minutes, then dead. Fulled out with tester. Recovered: 620 feet net rise of fluid; 440 feet mud, 180 feet of mud and acid. Sharts: Showed tool was open for entire test.

Let bridge plug at 2500 feet. Ran in with baker cast iron bridge plug on lane alls wire line and set at 2500 feet.

Perforated 4-1/2" holes at 2370 feet with Lane Wells Gun Perforator.

9 hours.

11-26-58

## HISTORY OF OIL OR GAS WELL (Submit in duplicate)

In compliance with rules and regulations adopted pursuant to CRS 520,095 (Chapter 567 CL 1953)

Operator Linn County Cil Development Company Field Lebanon area

Well No. Barr No. 1 , Sec. 32 T. 11 . R. 1 . . . W.B. & M.

Signed

Date February 9, 1959 Title (President, Secretary or Agent)

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10-3/4" casing. Irilled out cement. Found cement below the casing shoe at (450-471) Cleaned out to 621 feet. \_rilled 8-3/4, hole to 954 feet. 11- 4-58 brilled 8-3/4" hole to 2687 feet. Beduced hole from 8-3/4" to 7-7/8" at 2200 feet. lotco at 1362 feet 0"-55"; Totco 1952 feet 0"-30". Mud additives: 600 pounds of to 11-10-58 lignite, 100 rounds of Het., 12 sacks of sel., 50 pounds of subtracho and 100 pounds of funertreat.

11-3-58 Lan in with 8-3/4" bit on 3-1/2" drill pipe. Found coment at 428 feet inside the

11-11-58 Drilled 7-7/8" hole to 2755 feet. Twisted off crill pipe - to of fish at 2128 feet. Criered fishing tools from Bakersfield. alted on tools la hours. Man in with a socket and recovered fish.

11-12-58 Frilled 7-7/8" hole to 3165 feet. Throw-out clutch shaft broke, spairing machinery

11-13-58 Drilled 7-7/8" hole to 3597 feet. Depaired rotary hose - 6; hours. And additives: 100 bounds of upertreat and 5 secks of Gal.

11-14-58 Frilled 7-7/8" hole to 3729 feet. Repaired rotary hose - 6 hours.

11-18-58

11-19-58 Frilled 7-7/8" hole to 4100 feet. Totob at 4069 feet 0"-45".

to 11-24-58 11-25-58 | rilled 7-7/8" hole to 4230 feet. Repairing light plant - 17 hours. Repairing pump -44 hours. to

11-27-58 Trilled 7-7/8" hole to 4442 feet. Repaired hoses and lines to mud page - 5 hours. | rilled 7-7/8" hole to 4446 feet. Wisted off drill pine. : an in with a socket and 11-29-58 recovered fish. Filled 7-7/8" hole to 4529 feet.

## HISTORY OF OIL OR GAS WELL (Submit in duplicate)

In compliance with rules and regulations adopted pursuant to CRS 520.095 (Chapter 667 OL 1953)

Operator Linn County Oil Development Company Field Lebanon area

Wall No. Barr Ro. 1

Sec. 32 T. 11 S. R. 1 H., N.N.

W. B. & M.

Signed

Date February 9, 1959

Title

(President, Secretary or Agent)

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Date

- 12-13-58 | Cqueezed perforations (2370') with 75 sacks of construction cement. Ran in with Halliburton squeeze tool on 2-7/8" tubing. Set tool at 23601. Simplaced cement with (cont.) 85 cu. ft. of mud. Suggested perforations with 75 sacks of construction cement treated with 25 Caulo.
- 12-14-58 Landing cemented 16 hours. Each in the hole with 4-3/8" bit on 2-7/8" tubing. brilled out cament (2357-2370).
- 12-15-58 Circulated and conditioned mud.

Jun perforated 4-1/2" holes per foot (2233-22671) with Lane ells Jun Perforator.

Prill Stem Test No. 1 (2233-2267). Aan in with Halliburton tester on 2-7/8" tubing. Fat packer at 2226 feet, perforated tail to 2237 feet. Opened tool at 8:24 a.m. light blow 12 minutes, then dead. Reset backer. Tool open 38 minutes. Fulled out with tester. hecovered: 78 feet of muc. Charts: Showed tool was open.

- 12-16-58 han in with open end 2-7/8" tubing to 2200 feet. upooled sund line.
- 12-17-58 wabbed fluid to 1500 feet. Very small amount of gas showing. Lost swab in the hole. (mly one crew working - remainder of the crew left for holidays.)
- 12-18-58 Fished for swab (only one crew working). to
- 12-19-58
- 12-20-58 Shut down.
  - to 1- 9-55
  - 1-10-59 Recovered swab. Swabbed fluid to 2050 feet no entry. Brilled out bridge plug at 2500 feet. Ewabbed fluid to 4300 fest - no entry, only slight amount of gas.
  - 1-11-59 ork suspended rig released.

Form 6~54

10-24

10-25

10-26

10-27

10-28

10-29 & 10-30

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

1069 State Office Building Portland 1, Oregon

HISTORY OF OIL OR GAS WELL

STATE MEET !

R. 1 W.

& Million

W. B. & M.

(Submit in duplicate)

In compliance with rules and regulations adopted pursuant to ORS 520.095 (Chapter 667 OL 1953)

Operator Ivan J. Vojvoda Unnamed

, T. 11 S. well No. Barr #1

Signed Karajni & Seiles

Title Agent and Engineer Retained (President, Secretary or Agent) December 7, 1966 Date

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing. Date

1966 Owens Well Service moved in and rigged up. Installed blowout equipment. Drilled out surface plug and cleaned out to 39501 using water to circulate.

Mixed mud.

Milled section of 5-1/2" casing from 3900' to 3934' using Servco section mill. Circulated hole clean. Made up and ran in with Servco hole opener.

Opened hole to 9" from 3900" to 3934". Pumped in and equalized 35 sacks construction cement through open end drill pipe hanging at 40401. (Construction cement, 35 sacks, 7 sacks sand, 100 lbs. CaCl.) Standing cemented.

Felt for plug - no good. Pumped in and equalized 35 sacks cement, 7 sacks sand, 100 lbs. CaCl through open end drill pipe hung at 39351. Pulled up to 38001 and reversed out excess. Cement in place 7:30 A.M. Cleaned out hard cement to 39061.

Ran retrievable whipstock and attempted to drill off; made 2' down face of whipstock. Ran hole opener and opened hole. Re-ran whipstock and attempted to drill off. Made 21 more down face of whipstock.

Ran hole opener and opened hole. Pilot broke off hole opener. Left same in hole. Made up junk basket. Milled over and recovered fish. Made up and ran bit on drill pipe and drilled ahead to 3911'. Could not make any more hole.

Wait on orders.

Made up diamond point bit and cleaned out to 3941' inside casing stub. 10-31

Ran in and set permanent whipstock (slips set in stub of 5-1/2" at 3934"). Ran 11-1 tapered mill and milled down face of whipstock with 3-7/8" mill. Ran 4-3/4" mill.

Form 6-54

### STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES 1069 State Office Building Portland 1, Oregon

W. B. & M.

HISTORY OF OIL OR GAS WELL (Submit in duplicate)

STATE DESTRUCT OF GIOT AN & MINERAL INDS.

In compliance with rules and regulations adopted pursuant to ORS 520. 095 (Chapter 667 OL 1953)

Ivan J. Vojvoda Unnamed Operator

, T. 11 S., R. 1 W.,

Barr #1 Well No.

Signed Agent and Engineer Retained
Title (President, Secretary or Agent) December 7, 1966 Date

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1966 Opened hole to 4-3/4" and drilled ahead to 3937. While wiping dog leg jumped 11-2 pin at top of mill. Wait on fishing tools. Made two runs with  $4-1/4^{11}$  overshot.

Tried to work over fish. No recovery on either run. Decision to abandon.

Ran in hole and came out laying down 2-7/8" drill pipe. Placed 10' top cement 11-3 plug in 5-1/2" casing using about 25 sacks construction cement. Plug witnessed by K. C. Sills, Engineer, and R. J. Graham, drilling foreman. Well abandoned.