

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPL
Leave instructions on re-
verse side)Form approved,
Budget Bureau No. 92-43414
5. LEASE DESIGNATION AND SERIAL NO.

LC 061616-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposal.)1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Active Drilling Well **RECEIVED**

2. NAME OF OPERATOR

Perry P. Bass

AUG 5 1974

3. ADDRESS OF OPERATOR

Box 1178, Monahans, Texas 79756

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface: **O.E.C.**
ARTESIA, OFFICE

1980' FWL & 1980' FWL of Sec. 10, Unit Letter G.

7. UNIT AGREEMENT NAME

Poker Lake

8. FARM OR LEASE NAME

Poker Lake Unit

9. WELL NO.

42

10. FIELD AND POOL, OR WILDCAT

Wildcat /

11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA

Sec. 10, T25S, R30E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3458' est. DF

12. COUNTY OR PARISH; 13. STATE

Eddy New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETION ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐Report of DST's 3 & 4 ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

See attached sheets.

RECEIVED

AUG - 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED

W. J. Marty, Jr.

TITLE Division Production Clerk

DATE August 1, 1974

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, or all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; and or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and data well site conditioned for final inspection looking to approval of the abandonment.

DRILL STEM TEST REPORT

PERRY R. BASS

COMPANY & LEASE, POKER LAKE UNIT _____; WELL NO. 42; TEST NO. 3
FIELD, Mildred _____; COUNTY, Bddy _____; STATE, New Mexico
NAME OF WELLER TESTER, Morrow _____; TESTS FROM 14,571 TO 14,807'
DATE, 7-26-74; REASON FOR TEST _____
SERVICE COMPANY, Johnston _____; TYPE PACKER, Behtail
SIZE TUBING OR HOUL PIPE, 5" & 3 1/2"; CHOKE SIZE, BOTTOM 5/8" SURFACE 1/2"
WATER COLUMN, none FT.; TIME TOOL OPEN 7:10 am pm; (CDT)
LENGTH OF VIBR. TOOL OPEN _____ hours, 26 minutes; PRE-FLOW TIME 15 min.
REMARKS: Tool opened with weak blow of air; strong blow of air in 1 minute; very strong blow
in 5 minutes. Turned to pit on 1/2" choke in 8 minutes. Closed tool in 15 minutes; Took 1
hour initial shut in pressure. Tool opened 2nd time at 8:27 PM (CDT) still flowing to pit
on 1/2" choke-also very strong blow on air in bucket; lost mud column in 5 minutes;
unable to fill hole; closed tool in 11 minutes; filled hole with 25 barrels of mud. Rigged
up to reverse circulate. Hole taking 5 barrels mud every 15 minutes. Gas to surface in
33 minutes. Maximum rate 124 Mcf/D (5 psig on 1/2" choke). Bled gas off drill pipe. Pulled
packers free in 43 minutes at 9:10 pm; reverse circulated with gas flare about 10 to 15'
high then acted as if formation taking fluid. Shut down pump-acted as if went on vacuum in
2 minutes (sucked flare out); choke partially plugged too. Rigged up and started circulating
at 10:25 PM (CDT). The packers did not appear to have failed; rather, acted as if formation
break down. Sample Chamber: 50 psig; 1200 cc mud; 10 cu.ft. gas (mud Res. 0.11 @ 86°F
and chlorides 164,000 ppm); BET 242°F.

TIME ELAPSED TO REACH SURFACE: GAS 33 min, WATER _____ min, OIL _____ min,
MUD _____ min.

FLOWING SURFACE PRESSURES: INITIAL _____ psi, FINAL _____ psi

FLOWING BOTTOM HOLE PRESSURES: INITIAL 516 psi, FINAL 1041 psi

1 hour INITIAL SHUT IN BOTTOM HOLE PRESSURE 8274 psi

hour FINAL SHUT IN BOTTOM HOLE PRESSURE _____ psi

FLUID COLUMN PRESSURE (Bomb readings): IN 9848 psi, OUT 9848 psi

CALCULATED FLUID COLUMN PRESSURE 9701 psi; FLUID WEIGHT 12.6 #/gal.

DID PACKER HOLD? Yes; DID BOTTOM CHOKE PLUG? No;

DID FLUID DROP IN ANNULUS? Yes; IS TEST CONCLUSIVE? Yes

REPORTED BY: Grover L. Worley

Trace chart below. Show pressure scale, increasing vertically. Show time horizontally.
Define opening and closing of tool, and build-up formation pressure.

NOTE: CHART NOT AVAILABLE.

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U. S. GEOLOGICAL SURVEY
ARTERIAL

DRILL STEM TEST REPORT

COMPANY & LEASE: FOKER LAKE UNIT ; WELL NO. 42 ; TEST NO. 4
FIELD: Willcox ; COUNTY: Hidalgo ; STATE: New Mexico
NAME OF SECTION TESTED: ; TESTED FROM 14,675 TO 14,807'
DATE 7/25 22/74 ; REASON FOR TEST
SERVICE COMPANY: Sebastian ; TYPE PACKER: Robtall
SIZE TUBING OR DRILL PIPE 5" & 5 1/2" ; CHOKE SIZE, BOTTOM 5/8" SURFACE 1"
WATER CUSHION 2056 FT. ; TIME TOOL OPEN 8:27 am pm ; (CDT)
LENGTH OF TIME TOOL OPEN 2 hours, 20 minutes ; PRE-FLOW TIME 20 min.
REMARKS: Tool opened with very small initial very slow flow in 13 minutes. Flow to surface 14 strokes. Closed tool in 20 minutes; took 9
bars to close tool. Tool shut in at 9:07 AM. Took 1 bar initial shut in - annulus 840'
GTL. Tool opened 2nd time at 9:48 AM (CDT); on 2nd choke up bit with strong blow in bucket;
Closed tool at 10:18 PM (CDT), flow of water in bit on pump annulus felt during bleed flow
period: fluid in annulus did not fall but declined very slow as if through fractures in
formation. Took 6 bars 55' of shut in; annulus started rule. Pulled packers free at 3:48 AM.
Pulled 143' and reversed out 255' shifting against water bladder and 940' old slv. was over
Cylinderhead. Recovered 10' of drill pipe and below circulating sup. Sande Chamber: 260 cc.
480 cc drilling mud; 0.1 gr. cc. sup. Jo: Completed 7:00 PM (CDT) 7-25-74. MET 22.94.
Chlorides: WS Gr. sup. 8.6 @ 70°F, 401 PPM; DS Pkg. sup. 0.11 @ 70°F, 138.00 PPM.
WS Gr. " 0.27 @ 70°F, 21.48 PPM; DS Pkg. " 0.15 @ 70°F, 111.00 PPM.
Sande C. Chamber. sup. 0.15 @ 70°F, 111.00 PPM.

**Inches Water Pressure in Minutes: 25"-24 Min; 31"-30 Min; 36"-38 Min; 40"-44 Min;
45"-46 Min; 50"-54 Min; 55"-56 Min; 65"-70 Min; 70"-76 Min; 73"-80 Min; 77"-85 Min; 25"-30 Min;
3"-95 Min; 3"-100 Min; 2"-105 Min; 2"-120 Min.

TIME ELAPSED TO REACH SURFACE: GAS _____ min, WATER _____ min, OIL _____ min,
MUD _____ min.

FLOWING SURFACE PRESSURES: INITIAL _____ psi, FINAL _____ psi

FLOWING BOTTOM HOLE PRESSURES: INITIAL 1317 psi, FINAL 4492 psi

1 hour INITIAL SHUT IN BOTTOM HOLE PRESSURE 8854 psi

4 hour FINAL SHUT IN BOTTOM HOLE PRESSURE 8975 psi

FLUID COLUMN PRESSURE (Bomb readings): IN 9875 psi, OUT 9903 psi

CALCULATED FLUID COLUMN PRESSURE 9701 psi; FLUID WEIGHT 12.6 #/gal.

DID PACKER HOLD? Yes ; DID BOTTOM CHOKE PLUG? No ;

DID FLUID DROP IN ANNULUS? Yes; IS TEST CONCLUSIVE? Yes

REPORTED BY: Grover L. Worley

Trace chart below. Show pressure scale, increasing vertically. Show time horizontally. Define opening and closing of tool, and build-up formation pressure. *FA*

