

CONFIDENTIAL

Form 160-5
November 1983
(formerly 9-331)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-61604	
2. NAME OF OPERATOR MURPHY OPERATING CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 2648, Roswell, New Mexico 88201		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 455' FNL & 2310' FEL (Unit Ltr. B)		8. FARM OR LEASE NAME South Corbin Federal	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DY, RT, GR, etc.) 3842' GR - 3860' KB		10. FIELD AND POOL, OR WILDCAT Undesignated	
		11. SEC., T., R., N., OR BLK. AND SURVEY OR ARRA Sec. 20, T-18S, R-33E	
		12. COUNTY OR PARISH Lea	13. STATE New Mexico

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREATMENT	ALTERING CASING
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT*
(Other)	

(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 pertinent to this work.)

6-16-86 Pump parted, well shut dn. Pump was stuck. RU PU. Tried to unseat pump & could not. Picked up back off tool, made back off on rods. TOH w/rods made back off on top of pump. RU tbg. elev. Pulled out 9 stands of tbg. Tbg. was full of fluid. RU swabb line. Swb. tbg. dry dn. to 4 stands from the pump. SDFN.

6-17-86 Tbg. press. zero psi. Fished out of hole w/tbg. SLM @ 7449.87'. Layed dn. tbg. anchor, perf. sub & mud jt. RU logging truck. TIH with perf. guns @ 7418'. Tied back collar 7294' and perf. as follows: 1 shot @ 7358', 7360', 7363', 7366', 1 J.S.P.F. Old perfs. @ 7337', 7338', 7339', 7344', 7346', 7347', 7349', 7355', 8 holes. Grand total = 12 holes. RD log truck. TIH w/pin point pkr. to 7373'. Broke dn. perfs. as follows:

7366' broke dn. @ 1900 psi, pump rate @ 1.6 BPM, pumped 2.3 bbls. acid in perf.
7363' broke dn. @ 1700 psi, pump rate @ 1 BPM, pumped 4 bbls. acid in perf.
7360' broke dn. @ 1700 psi, pump rate @ 1 BPM, pumped 4 bbls. acid in perf.
7358' broke dn. @ 1700 psi, pump rate @ 1 BPM, pumped 4 bbls. acid in perf.
7355' broke dn. @ 1100 psi, pump rate @ 1 BPM, pumped 1-1/2 bbls. acid in perf.
7349' broke dn. @ 1100 psi, pump rate @ 1 BPM, pumped 1-1/2 bbls. acid in perf.

Broke dn. new perfs to 7349'. Pin point pkr. quit working. Pulled out of hole w/2 stands & SDFN.

I hereby certify that the foregoing is true and correct

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SIGNED Lois N. Brown TITLE Production Clerk DATE June 23, 1986

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DATE

JUN 30 1986

*See Instructions on Reverse Side

CARLSBAD, NEW MEXICO



MURPHY OPERATING CORPORATION
UNITED BANK PLAZA, SUITE 300
400 NORTH PENNSYLVANIA AVENUE
POST OFFICE BOX 2648
ROSWELL, NEW MEXICO 88202-2648

TELEPHONE
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June 23, 1986
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South Corbin Federal #1
Federal Lease No. NM-61604
Sec. 20, T-18S, R-33E,
Lea County, New Mexico

6-18-86 SITP @ 0 psi. TIH w/2 stands. RU swabb line, TIH & fished top standing valve out of pin point pkr. Found paraffin on standing valve. Ordered out 250 gals. Xylene to add to 2000 gals. 15% NEFE acid. Flushed tbg. w/2 bbls. acid & Xylene mixed. Dropped standing valve. Standing valve still would not hold. RU swabb line. TIH, fished standing valve, layed dn. standing valve. TIH & fished holding valve. TOH w/3 jts. 2-7/8" tbg. & set pkr. @ 7283'. Completed acid job as follows: pumped 2000 gals. 15% NEFE, 250 gals. Xylene mixed w/acid. Dropped 30 ball sealers, well balled off. Flushed 43.3 bbls. 2% KCl water. Avg. press. @ 3558#, max. press. @ 6000#. Avg. rate @ 3.9 BPM. Max. rate @ 4.1 BPM. Total load to rec. 92 bbls. ISIP @ 2950#. In 5 min. it was @ 1450#. RU & swabb 125 bbls. fluid. Rec. all load. Unseated pkr. TOH w/70 stand. 2-7/8" tbg. & SDFN.

6-19-86 Finished out of hole with pin point pkr. Layed dn. same. TIH to 7059.50'. Nippled up WH & completed frac job as follows:

- Stage 1: pumped pad 20,000 gals. cross-link 30# gel.
- Stage 2: 5000 gals. 1 lb. 20/40 sand.
- Stage 3: 5000 gals. 2 lbs. 20/40 sand.
- Stage 4: 5000 gals. 3 lbs. 20/40 sand.
- Stage 5: 5000 gals. 4 lbs. 20/40 sand.
- Stage 6: 5000 gals. 5 lbs. & 6 lbs. 20/40 sand.
- Stage 7: Sand screened off. SD job. Went to flush.

Flushed btm. of tbg. w/107 bbls. 2% KCl gel 30# water. Waited 1 hr. Started flowing well back. Flowed well back on 12/64" choke. Rec. 145 bbls. frac water. Avg. rate @ 30 BPM; max. rate @ 31 BPM. Avg. press. @ 6000# psi; max. press @ 9000# psi.

RECEIVED
JUL 3 1986
O.C.D.
HOBBS OFFICE