

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse side)

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. Box 2648, Roswell, New Mexico 88202-2648		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, Sec. 20, T-18S, R-33E		8. FARM OR LEASE NAME South Corbin Federal	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 3842' G.R., 3860' K.B.		10. FIELD AND POOL, OR WILDCAT Corbin Bone Spring, South	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T-18S, R-33E	
		12. COUNTY OR PARISH Lea	
		13. STATE New Mexico	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PCLL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)

2-25-87 RU Dowell Schlumberger & gel up 800 bbls. 2% KCL wtr. Press. up to 1750# psi. Pressure tested frac line to 6500# psi. Frac as follows:

Step 1: 7500 gals. Pad 30# cross link gel  
Step 2: 3000 gals. 1# 20/40 sand  
Step 3: 3600 gals. 2# 20/40 sand  
Step 4: 4500 gals. 3# 20/40 sand  
Step 5: 5400 gals. 4# 20/40 sand  
Step 6: 6000 gals. 4# 12/20 sand

Flushed with 1722 gals. 30# gel w/2% KCL wtr. Well screened last 168 gals. Avg. rate @ 15 BPM; Max. rate @ 15 BPM; Avg. Press. @ 3500# psi; max. press. @ 6400# psi. Final press. @ 6400# psi. ISIP @ 3000# psi., in 5 min. @ 2190# psi., in 10 min. @ 1980# psi, & 15 min. @ 1900# psi. Total of 754 bbls. to rec.

2-27-87 SITP @ 0# psi in 11 hrs. Nippled dn. pack off & TIH to 7081'. No fill. layed dn. 3 jts. 2-7/8" tbg. Pumping well from 6994.30'. 226 jts. of 2-7/8" tbg. in hole. NOTE: We have RBP catcher on btm. of tbg. Nippled up WH & ran rods as follows:

CONTINUED ON PAGE 2

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

SIGNED Lois N. Brown TITLE Production Clerk

DATE March 3, 1987

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE MAR 03 1987



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

TELEPHONE  
505 623-7210

SUNDRY NOTICES AND REPORTS ON WELLS  
March 3, 1987

Page 2

SOUTH CORBIN FEDERAL #1  
Corbin Bone Spring, South  
Federal Lease No. NM-61604

2-27-87 continued -

Pump 2" X 1-1/2" X 22' w/2-1/2" hold dn.  
sub 3/4" X 3' on top of pump  
114 3/4" rods  
97 7/8" rods  
75 1" rods  
sub on top 1" X 3" rod sub  
polish rod 1-1/2" X 22' w/18' X 1-3/4" liner

Hung well on with good pump action.

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14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3842' G.R., 3860' K.B.											

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) perforate & acidize

(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.)

2-19-87 RU PU & tried to unseat pump & could not. RU back off tool & made back off of 66 rods from pump. Changed elev. & nipples dn. WH & TOH w/2-7/8" tbg. to fluid. RU swb. line & swabbed tbg. dry. Finished out of hole w/98 stands of 2-7/8" tbg. Found rods, will make second back off next a.m. SDFN.

2-20-87 Made back off on rods & TOH w/rest of rods & pump. Changed elev., TOH w/22 stands of 2-7/8" tbg. Layed dn. pkr. Picked up RBP & TIH w/RBP. SLM @ 7111.01', set RBP. Dumped 200# 20-40 sand on top of RBP. RU kill truck & displaced hole w/2% KCL water. TOH w/2-7/8" tbg. Will perforate next. a.m. SDFN

2-21-87 RU wireline truck. TIH with perf guns & perforated as follows: 6971.5', 6975', 6976', 6978', 6979', 6980', 6982', 6984', 6986', 6988', 6990' & 6992'. Total 12 holes. TOH w/perf. guns. All guns fired okay. TIH w/2-7/8" tbg. SLM @ 7058.30', set pkr. Tested RBP to 5000# psi, held okay. SLM out to 6997.30'. Spotted 2 bbls. 15% MCA acid across perfs. SLM out of hole to 6810.55', set pkr. Break dn. perfs w/3100# psi. RU swab lubricator & swabbed well dn. to seat nipple. Completed

CONTINUED ON PAGE 2

I hereby certify that the foregoing is true and correct

SIGNED

*Louis N. Brown*  
LOUIS N. BROWN

TITLE Production Clerk

DATE Feb. 26, 1987

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DATE

FEB 27 1987

CARLSBAD, NEW MEXICO

\*See Instructions on Reverse Side



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

TELEPHONE  
505 623-7210

SUNDRY NOTICES AND REPORTS ON WELLS

PAGE 2

SOUTH CORBIN FEDERAL #1  
Corbin Bone Spring, South  
Federal Lease No. NM-61604

2-21-87 continued -

acid job as follows: pumped 34 bbls. 15% MCA acid, dropped 25 evenly spaced balls, well balled off, flushed w/44 bbls. 2% KCL water. 78 bbls. to recover. Max. press. @ 5050# psi, avg. press. @ 2700# psi, max. rate @ 4.2 BPM, avg. rate @ 3.5 BPM. Final pumping press. @ 2640# psi. ISIP @ 2000# psi. 15 min. SI, 5 min. 1860# psi, 10 min 1820# psi, 15 min. 1800# psi. SD for Sunday.