

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS CO 89240

(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"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR MURPHY OPERATING CORPORATION	8. FARM OR LEASE NAME SOUTH CORBIN FEDERAL
3. ADDRESS OF OPERATOR P. O. Box 2648, Roswell, New Mexico 88202-2648	9. WELL NO. 1
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	10. FIELD AND POOL, OR WILDCAT Corbin Bone Spring, South
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T-18S, R-33E
15. ELEVATIONS (Show whether DT, RT, CR, etc.) 3842' G.R., 3860' K.B.	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"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input checked="" type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

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.)

3-20-87 Pkr. set @ 4825'. Swabbing well back before acid job. RU D.S. & completed acid job as follows:

breakdown 2020# psi
24 bbls. 15% MSR acid
flushed 32 bbls. 2% KCL wtr.

Avg. press. @ 1550# psi, max. press @ 2020# psi, Avg. rate @ .5 BPM, Max. rate @ .5 BPM. Final press. @ 1650# psi, ISIP @ 1600# psi, 5 min. @ 1440# psi, 10 min. @ 1400# psi, 15 min. @ 1360# psi. Blowed well dn. & started swabbing back. Bbls.to rec. 56. Rec. 50 bbls. SDFN.

3-23-87 SITP @ 0# psi 53 hrs. RU lubricator & TIH w/swabb run. Found no fluid entry. RU Dowell Schlumberger & frac as follows:

Pkr. set @ 4824.00' KBM.

Back side full

	On Perfs	End
5000 gals. Pad 40# Cross link Gel -	10 BPM 2380	2439
3000 gals. @ 1 PPG 20/40 sand -	10 BPM 2315	2310
3000 gals. @ 2 PPG 20/40 sand -	10 BPM 2265	2283
3000 gals. @ 3 PPG 20/40 sand -	10 BPM 2219	2233
3000 gals. @ 4 PPG 20-40 sand -	10 BPM 2169	2233
3000 gals. @ 3 PPG 12/20 sand -	10 BPM 2274	2338

CONTINUED ON PAGE 2

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

SIGNED Louis N. Brown TITLE Production Clerk

DATE March 30, 1987

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE APR 3 1987

ACCEPTED FOR RECORD
SJS



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

March 30, 1987

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

3-23-87 continued -

Total

29,000 gals., 30,000# 20/40 sand, 9,000# 12/20 sand

Flushed w/31 bbls.

Avg. press. @ 2300# psi, Final press. @ 2301# psi., max. press. @ 3010# psi.

Avg. rate @ 10 BPM, Max. rate @ 10 BPM. Left well SI until next a.m.

3-24-87 SITP @ 1200# psi. RU choke & blowed well dn. Rel. pkr. & TOH w/same
& layed dn. pkr. TIH w/2-7/8" tbg. as follows:

One 2-7/8" mud jt. & perf sub.	31.00'
163 2-7/8" jts. tbg.	5036.52'
S. N. @ 5036.52' KBM - total in hole =	5067.52'

Note: Well flowed back approx. 65 bbls. Nippled up WH & TIH w/5/8" rods
Ran 1" & 7/8" in hole & started laying dn. same.
Total bbls. rec. 80 bbls.

3-25-87 Well flowing back one gal. 30 sec. = 36.4 bbls. in 13 hrs. Total rec.
116.4 bbls. Total left to rec. 398.6 bbls. TIH w/1" & 7/8" rods & layed
dn. same. Picked up & ran rods in hole as follows:

2 x 1-1/2" x 12' w/2-1/2" hold dn.
5/8" x 2' rod sub top of pump
100 - 5/8" rods
101 - 3/4" rods
16' X 1-1/4" polish rod w/8' x 1-1/2" liner

Spaced well & started engine. Left well pumping and flowing back. Left
rig on location (RU).

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instruction
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 for different purposes.
Use "APPLICATION FOR PERMIT—" for such purposes.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR MURPHY OPERATING CORPORATION	3. ADDRESS OF OPERATOR P. O. Box 2648, Roswell, New Mexico 88202-2648	5. LEASE DESIGNATION AND SERIAL NO. NM-61604
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	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	7. UNIT AGREEMENT NAME	8. FARM OR LEASE NAME South Corbin Federal
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3842' G.R., 3860' K.B.	9. WELL NO. 1	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"/>	PULL 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 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) <u>perforate & acidized</u> <input checked="" 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.)

3-13-87 RU PU & TOH w/rods. Found rods parted 400' from top of pump. Changed Elev. Nippled dn. WH & pulled tbg. out of hole to fluid. SD, swabbed tbg. dry. Finished out of hole w/2-7/8" tbg. dn. to 3/4" rods. Changed elev. & TOH w/rods. (Note: Pump was not stuck). Changed elev. Finished out of hole w/tbg. & layed dn. RBP retrieving head. SDFN.

3-14-87 Tally in hole w/2-7/8" tbg. & pkr. Set pkr. @ 6620.57'. RU (DS) squeezed well as follows @ 6971' - 6992':

50 sxs. Class H w/2% CA.CL.	15.6 PPG
150 sxs. Class H Neat	16.4 PPG
Pumped 5 bbls. water ahead	
displaced cmt. w/43 bbls. fresh wtr.	
Final pumping press. @ 2540# psi. SD 2 min., pumped .5 bbls., tbg. press. @ 3100# psi. SD. Well squeezed off.	

3-16-87 SITP @ 2000# psi. Rel. press. Rel. pkr. & TOH w/29 stands & single 2-7/8" tbg. Set pkr. @ 4789.73'. RU Wireline trk. Got on depth w/pkr. Shot 5-1/4" hole @ 5150'-5152'. Guns fired ok. TOH & RD Wireline trk. RU D.S. Pumped into perfs. @ 3 PPM @ 1650# psi. Rel. Wireline trk. & squeezed as follows:

CONTINUED ON PAGE 2

I hereby certify that the foregoing is true and correct

SIGNED Lois N. Brown TITLE Production Clerk DATE March 23, 1987
Lois N. Brown

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE MAR 25 1987

*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
505 623-7210

SUNDRY NOTICES AND REPORTS ON WELLS

PAGE 2

March 23, 1987

MURPHY OPERATING CORPORATION

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

3-16-87 continued -

150 sxs. Class C w/5% D-127 F.L.A.
65 sxs. Class C tail end cmt.
Displaced w/32 bbls. fresh wtr.
Final pumping press. @ 1250# psi.
Waited 15 min. & moved .5 bbl. @ 1250# psi
Waited 15 min. & moved .5 bbl. @ 1290# psi
Waited 1 hr. & moved .5 bbl. @ 1600# psi
Waited 1 hr. & moved .5 bbl. @ 2150# psi.

Moved in power swivel & reverse unit & SDFN.

- 3-17-87 SITP @ 1500# psi. Rel. press. Rel. pkr. & TOH w/pkr. & layed dn. same. Tally & picked up four 3-1/8" D.C. w/4-3/4" bit & bit sub & crossover sub. TIH to 4975', hit top of cmt., layed dn. 8 jts. of 2-3/8" tbg. to drill cmt. with. RU power swivel & reverse pump, drill cmt. from 4975' dn. to 5160' 185' total. Circ. hole for 1/2 hr. Nippled dn. packed off head & ran 29 stands in hole. Found top of cmt. @ 6750'. Layed dn. 10 jts. 2-7/8" tbg. to drill with. SDFN.
- 3-18-87 Picked up swivel & nipped up, packed off head. Drill cmt. from 6750' dn. to 7000'. Picked up two more jts. Press. up on csg. 1000# psi., held okay. Displaced hole from 7081' w/2% KCL wtr. Note: RBP set @ 7111' w/30' sand on top. PBTD @ 7081'. Started out of hole laying dn. tbg. (Note: need to lay dn. 62 jts.), leaving 5049.52' tbg. + 18.00' K.B. = 5067.52' in hole. SDFN.
- 3-19-87 Finished laying dn. 60 jts. 2-7/8" tbg. (244 jts. on location) (80 jts. on ground) (164 jts. left in hole) (82 stands) (5049.52') Finished out of hole w/83 stands tbg. layed dn. four 3-1/8" D.C., 4-3/4" bit & sub. RU Wireline trk.(CRC) TIH w/CBL (Cmt. okay) 5200'-4700', 3300'-2800' TIH w/perf. guns & perf. as follows: 4967', 4968', 4969', 4970', 4971', 4972', 4973', 4974', 4975', (9 holes @ 1 J.S.P.F.) All guns fired okay. RD loggers & picked up pkr. & SLM in hole. Tbg. set @ 4975'-4980' to spot acid next am. SDFN.