

Form 3160-5
(July 1989)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Other instructions on reverse
side)

BLM Roswell District
Modified Form No.
NM060-3160-4

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. LC-069420	
2. NAME OF OPERATOR SOUTHLAND ROYALTY COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 51810, Midland, TX 79710-1810		7. UNIT AGREEMENT NAME	
3a. AREA CODE & PHONE NO. (915)688-6943		8. FARM OR LEASE NAME WEST CORBIN FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface H, 1880' FNL & 550' FEL		9. WELL NO. 30	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT CORBIN BONE SPRING, SOUTH	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3923.5' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 7, T-18-S, R-33-E	
		12. COUNTY OR PARISH LEA	13. STATE NM

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) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) RECOMPLETE - DEEPEN <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.)*

MIRU PU. TOOH W/ RODS & PUMP. NDWH. NUBOP. RLS TAC & TOOH W/ +/-5000' OF 6.5# N-80 TBG. TIH TO +/-4,894' & SET RETAINER. CIRC WELL W/ 2% TREATED KCL WATER.

STING INTO RETAINER & PRESS UP TO 1000 PSI ON BACKSIDE & MONITOR THROUGHOUT JOB. SQZ DELAWARE PERFS W/ 200 SX CMT. STING OUT OF RETAINER & CIRC TBG CLN. TOOH W/ TBG.

PU BIT & DRL COLLARS & TIH. DRL OUT CMT RETAINER & CMT. PRESS TEST TO 1000 PSI. TIH TO PBTD @ +/-10,717'. CIRC THE WELL W/ 2% TREATED KCL WTR, TOOH.

MIRU ELEC LINE TO PERF. NU PACKOFF ON TOP OF BOP. RIH W/ 4" CSG GUNS & PERF 3RD BONE SPRING DOLOMITE FROM: 9972'-9982' (2 SPF, 90 PHASING, 22 HOLES)
9988'-10018' (2 SPF, 90 PHASING, 62 HOLES)
TOTAL 84 HOLES.

POOH & RD ELEC LINE.

TIH W/ TREATING PKR, SN & +/-10,100' OF TBG. MIRU STIMULATION CO. PICKLE TBG W/ 200 GALS OF 15% NEFE HCL ACID. REVERSE OUT PICKLING FLUIDS. SPOT 200 GALS OF 15% NEFE HCL ACID ACROSS THE PERFORATIONS. PU TO +/-9,825'. REVERSE REMAINING ACID INTO TBG & SET PKR @ +/-9,825'. NU STIMULATION VALVE.

CONT ON NEXT PAGE.

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

SIGNED

Korann Schals

TITLE

PRODUCTION ASST

DATE

(915)688-6943

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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SUNDRY NOTICE FOR RECOMPLETION AND DEEPEN OF
WEST CORBIN FEDERAL #30
CONTINUED

RU SURF LINES AND TEST TO 6500 PSI. PUMP SPOT ACID AWAY AND CONTINUE W/ 4000 GALS OF 15% NEFE HCL ACID TAGGED W/ 5 MILLICURIES OF GOLD 198. SPACE OUT 168 RCNBS (SP GR. = 1.3) THROUGHOUT JOB. DISPLACE ACID TO TOP PERFORATION W/ TREATED 2% KCL WATER. DO NOT OVERFLUSH. IF BALLOUT OCCURS, SURGE BALLS OFF PERFS AND CONTINUE DISPLACEMENT.

FLOW BACK WELL UNTIL DEAD. RUN A GR LOG FROM 9700'-10250'. IF ACID EXTENDS INTO THE DOLOMITE FROM 9972'-10018, CONTACT THE PRODUCTION ENGINEER ON T&A PROCEDURE OTHERWISE CONTINUE W/ PROCEDURE.

SWAB/FLOW TEST WELL RECORDING RATES/VOLUMES/CUTS.

KILL WELL W/ TREATED 2% KCL WATER. RIH THROUGH PERFS.

MIRU ELECTRIC LINE COMPANY. RU PACKOFF ON TOP OF BOP. RIH W/ CIBP AND SET AT 9960'. RIH W/ 4" CASING GUNS AND PERFORATE THE BONE SPRING SAND FROM:
9914'-9938' (2 SPF, 90 PHASING, 50 HOLES)
POOH AND RD ELECTRIC LINE.

TIH W/ TREATING PKR, SN, AND +/-9938' TBG. SPOT 200 GALS OF 7-1/2% NEFE HCL ACID ACROSS PERFS. PU TO 9790'. REVERSE REMAINING ACID INTO TUBING AND SET PKR AT +/- 9790'.

NU STIMULATION VALVE AND PRESS TEST THE SURFACE LINES TO 6500 PSI. PLACE 500 PSI ON 2-7/8" X 5-1/2" ANNULUS. MONITOR THROUGHOUT JOB. PUMP SPOT ACID AWAY AND CONTINUE W/ 1200 GALS OF 7-1/2% NEFE HCL ACID. SPACE 75 RCNBS (SP. GR. = 1.3) THROUGHOUT JOB. DISPLACE ACID TO THE BOTTOM PERF W/ TREATED 2% KCL WATER. IF BALLOUT OCCURS, SURGE BALLS OFF PERFS AND CONTINUE DISPLACEMENT.
RDMO STIMULATION COMPANY.

FLOW BACK THE WELL UNTIL DEAD. SWAB TEST WELL RECORDING RATES/VOLUMES/CUTS. IF FLUID ENTRY IS LIMITED, CONTINUE W/ THE PROCEDURE.

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WEST CORBIN FEDERAL
CONTINUED

TIH THROUGH THE PERFORATIONS. RESET THE PKR AT 9790'. MIRU STIMULATION COMPANY, PRESSURE TEST THE LINES TO 6500 PSI. PUT 500 PSI ON THE BACKSIDE AND MONITOR THROUGHOUT THE JOB. FRACTURE STIMULATE THE 3RD BONE SPRING SAND FORMATION.

FLUID = 18300G YF135D
SAND = 55000# OF 20/40 ISP
RATE = 25 BPM
ESTIMATED WHTP = 5800 PSI
MAXIMUM WHTP = 6200 PSI

FLOW BACK WELL ON A SMALL CHOKE TO FORCE CLOSE THE WELL AND MONITOR PRESSURE W/ THE FRAC VAN. AFTER CLOSURE IS SEEN OR AFTER TWO HOURS, SHUT IN THE WELL OVERNIGHT.

KILL WELL W/ TREATED 2% KCL WATER. RIH W/ SAND BAILER ON SANDLINE. CLEAN OUT SAND AND KNOCKOUT CIBP AND PUSH TO PBTD. POOH.

TIH W/ PRODUCTION TBG AS FOLLOWS:
+/- 9884' OF 2-7/8", 6.5#, N-80 TBG

SET TAC AND SN ABOVE THE PERFS. NDBOP, NU PUMPING TEE. TIH W/ ROD STRING.

HANG RODS ON BEAM. REPORT PRODUCTION VOLUMES.