

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

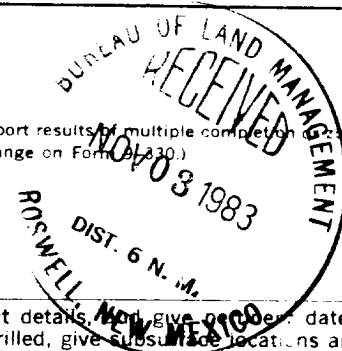
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Sun Exploration & Production Co.
3. ADDRESS OF OPERATOR
P.O. Box 1861, Midland, Tx. 79702
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: Unit Ltr. "J"
AT TOP PROD. INTERVAL: 1650' FSL, 2310' FEL
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:
- | | | |
|----------------------|--------------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | <input type="checkbox"/> |
- (other) Perf & Acdz Paddock Zone.

5. LEASE
NMR 471 NM-0554604
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
El Estero A-15
9. WELL NO.
1
10. FIELD OR WILDCAT NAME
Purrose Skelly Grayburg
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 15, T-22-S, R-37-E
12. COUNTY OR PARISH 13. STATE
Lea New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, 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 workover rig. POH w/rods and pump. Install BOP. POH w/tbg.
GIH w/ 4-3/4" bit, 6-3 1/2" DC's on 2-3/8" WS. Drill out cmt and CIBP and circulate hole clean to 7450'. POH w/WS.
GIH w/WS and pkr. Set pkr at 3900' and test cmt plug 7450-7600' to 1000 psi. If plug holds pressure, POH w/WS and pkr and go to Step 5.
If plug leaks, POH w/WS and pkr. GIH w/CIBP on WL and set at 5300'. Dump 4 sx cmt on top load hole w/ 2%KCL water. Run CNL-collar log from 5250-3250'. Correlate w/ 1948 Schlumberger electric log and pick perfs off CNL.
Perf Paddock Set I (a): 5133-5153' (1948 Sch. EL) w/1 JSPF (21 holes). Use 4" csg gun w/23 gram charge shots.
GIH w/ WS, pkr, and RBP. Set RBP at 5175' and test. Western spot 100 gals 15% DS-30 5153-5050'. Set pkr at 5000'. Acidize perfs w/ 2000 gals DS-30 acid. Drop 30 RCN ball sealers and attempt to ball-out. Pump at 3-5 BPM. Flush to perfs w/ 2% KCL water.
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Sr. Acctg. Assist. DATE Nov. 1, 1983

APPROVED

(This space for Federal or State office use)

APPROVED (Orig. Sgd.) PETER W. CHESTER
CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

DEC 9 1983

ELLISH A-15 * 1
cont:

Swab to recover load and test. If zone is oil productive, go to Step 9. If zone is wet:
a. POH w/WS, pkr and RBP. RIH w/cmt retainer on WL and set at 5130'. RIH w/ WS.
Sting into cmt. ret.
b. EIR into perfs.
c. Squeeze perfs 5133-5153'. POH w/WS.
d. Go to Step 10.

Plug back w/ sand to 5130' w/wireline bailer.

Perf Paddock Set I (b): 5095-5125' (1948 Sch. EL) w/1 JSPF (31 holes). Use 4" csg gun w/ 23 gram charge shots.

GIH w/ WS and pkr. Western spot 100 gals D-30 acid 5125-5025'. PUH and set pkr at 5000'. Acidize perfs w/3000 gals DS-30 acid. Drop 50 RCN ball sealers spaced evenly thruout. Pump at 3-5 BPM. Flush to perfs w/2% KCL water. MP 3000#.

Swab back load and evaluate fluid content. If zone is oil productive go to Step 13.
If zone is water productive:

- a. POH w/ WS and pkr. RIH w/cmt retainer on WS and set at 5090'.
- b. EIR into perfs.
- c. Squeeze perfs 5095-5133'. POH w/WS.
- d. Go to Step 14.

Plug back w/ sand to 5090' using a wireline bailer.

Perf Paddock Set II: 5065-5083' (1948 Sch. EL) w/1 JSPF (19 holes). Use 4" csg gun w/ 23 gram charge shots.

GIH w/ WS and pkr. Western spot 100 gals DS-30 acid 5083-4983'. PUH and set pkr at 4950'. Acidize perfs w/ 2000 gals 15% acid. Drop 30 RCN ball sealers and attempt to ball-out. Pump at 3-5 BPM.

Swab back load and evaluate.

If lower perfs are open, circulate sand off RBP and POH w/RBP, pkr and WS.

GIH w/ 2-3/8" production string and Baker RDG pkr. Set pkr at 5000'. GIH w/ rods and pump. POP.

RECEIVED

DEC 12 1983

O.C.D.
HOBBS OFFICE