Form 3160-4 (July 1992)

## UNIT \_ O STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICAT.

FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995

**BUREAU OF LAND MANAGEMENT** 

(See other instructions on reverse side) Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

N	M	86	92	5			
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12. TYPE OF WELL:   OLD   Other   Nov   S   10   Mor
D. Box 1980   P. BACK   DEEP   P.LIG   DEFF   Other   P.LIG   DEEP   P.LIG   DEEP   P.LIG   DEEP   P.LIG   DEEP   P.LIG   DEEP   D. DEEP   D.
NAME OF OPERATOR   Pronghorn '12' # 1   Federal   Pronghorn '12' # 1   Federal '13' Federal
Pronghorn   2 # 1
3. ADDRESS AND TELEPHONE NO.   P. O. Box 51810
P. 0. Box 51810, MidTand, TX 79710-1810 915-688-6943  4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements)*  At torface 660° FNL & 2310° FWL At top prod. interval reported below  At total depth  14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARTS HE Lea NM  15. DATE SPUDDED 8/27/96 9/13/96 10/33/96 10/33/96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*  20. TOTAL DEPTH, MD & TVD 9155′ 21. PLUG, BACK T.D., MD & TVD 9200° 9155′ 22. IF MULTIPLE COMPL. HOW MANY*  21. PRODUCING INTERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*  22. TYPE ELECTRIC AND OTHER LOGS RUN Included  23. CASING RECORD (Report all strings set in well)  24. PRODUCING INTERVALS), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*  25. WAS DIRECTIONAL SURVEY MADE  26. TYPE ELECTRIC AND OTHER LOGS RUN Included  27. WAS WELL CORED NO. SANS/SURF.  28. CASING RECORD (Report all strings set in well)  27. WAS WELL CORED NO. SANS/SURF.  28. 14. PSP. 12. 14. 1480 SXS/SURF.  28. 11. 6# 9200° 77/8" 370 SXS/SURF.  29. LINER RECORD 30. TUBING RECORD
10. FIELD AND POOL, OR WILLCAT   10. FIELD AND POOL, OR WILDCAT   11. SEC., T. R., M., OR RILC   12. COUNTY OR PARISH   13. STATE
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12, T23S, R32E     12. COUNTY OR AREA 12, T23S, R32E     13. STATE PARISH   12. COUNTY OR AREA 12, T23S, R32E     14. PERMIT NO.   DATE ISSUED   12. COUNTY OR PARISH   13. STATE PARISH   14. PERMIT NO.   B. ELEVATIONS (DF, RKB, RT, GR, ETC.)*   19. ELEV. CASINGHEAD     15. DATE SPUDDED   16. DATE T.D. REACHED   17. DATE COMPL. (Ready to prod.)   18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*   19. ELEV. CASINGHEAD     15. DATE SPUDDED   10. DATE T.D. REACHED   10.0/3/96   3751'
At total depth  At total depth    13. SEC, T., R., M., OR BLK. AND SURVEY OR AREA   12. T23S, R32E     13. SEC, T., R., M., OR BLK. AND SURVEY OR AREA   12. T23S, R32E     12. COUNTY OR   13. STATE     13. STATE     14. PERMIT NO.   BA/1/96     15. DATE SPUDDED   16. DATE T.D. REACHED   17. DATE COMPL.(Ready to prod.)   18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*   19. ELEV. CASINGHEAD     15. DATE SPUDDED   16. DATE T.D. REACHED   17. DATE COMPL.(Ready to prod.)   18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*   19. ELEV. CASINGHEAD     16. DATE T.D. REACHED   17. DATE COMPL. (Ready to prod.)   18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*   19. ELEV. CASINGHEAD     16. DATE T.D. REACHED   17. DATE COMPL. (HOW MANY*)   18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*   19. ELEV. CASINGHEAD     16. DATE T.D. REACHED   17. DATE COMPL. (HOW MANY*)   18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*   19. ELEV. CASINGHEAD     17. DATE SPUDDED   18. DATE T.D. REACHED   19. ELEV. CASINGHEAD     18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*   19. ELEV. CASINGHEAD     19. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD     19. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD     19. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD     19. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD     19. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD     19. ELEV. CASINGHEAD   10. ELEV. CASINGHEAD
At total depth    12. T23S, R32E   12. T23S, R32E   12. T23S, R32E   13. T23S, R32E   14. Permit no.   Date issued   12. County or Parish   Lea   NM     15. Date spudded   16. Date t.d. reached   17. Date compl. (Ready to prod.)   18. Elevations (df. rkb, rt, gr. etc.)*   19. Elev. Casinghead   NM     16. Date t.d. reached   9/13/96   10/3/96   3751'   18. Elevations (df. rkb, rt, gr. etc.)*   19. Elev. Casinghead   NM     20. Total depth, md & tvd   9155'   21. Plug, back t.d., md & tvd   22. If multiple compl.   How many*   23. Intervals   Drilled by   0 - TD   0 - TD   0 - TD     24. Producing interval(s), of this completion - top, bottom, name (md and tvd)*   25. Was directional survey made   27. Was well cored   No     26. Type electric and other logs run   27. Was well cored   No     27. Was well cored   No   No     28.
14.   PERMIT NO.   DATE ISSUED   12. COUNTY OR PARISH   13. STATE
S
15. DATE SPUDDED 8/27/96 16. DATE T.D. REACHED 9/13/96 10/3/96 10/3/96 3751'  20. TOTAL DEPTH, MD & TVD 9155' 21. PLUG, BACK T.D., MD & TVD 9155' 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 0 - TD CABLE TOOLS OF TD CASING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*  24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*  25. WAS DIRECTIONAL SURVEY MADE  27. WAS WELL CORED NO  28. CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLET OF TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLET OF TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLET OF TOP OF CEMENT, CEMENTING RECORD CITC.  28#/32# 4792' 12 1/4" 1480 sxs/Surf. Circ.  1/2" 11.6# 9200' 7 7/8" 370 sxs/TOC@7441' (TS)
8/27/96 9/13/96 10/3/96 3751'  20. TOTAL DEPTH, MD & TVD 9155' 21. PLUG, BACK T.D., MD & TVD 9155' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0 - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*  24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*  25. WAS DIRECTIONAL SURVEY MADE  27. WAS WELL CORED NO  28. CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLET 3 3/8" 48# 662' 17 1/2" 620 SXS/Surf. Circ.  28. CIPC.  27. WAS WELL CORED NO  28. TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLET 1480 SXS/Surf. Circ.  28. 28#/32# 4792' 12 1/4" 1480 SXS/Surf. Circ.  29. LINER RECORD 30. TUBING RECORD
20. TOTAL DEPTH, MD & TVD 9155' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD CABLE TOOLS 9200' 9155' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE 9027' - 9059' (Bone Spring) 27. WAS WELL CORED NO 1ncluded 28. CASING RECORD (Report all strings set in well) 10
9200' 9155' HOW MANY* DRILLED BY 0-TD  24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*  25. WAS DIRECTIONAL SURVEY MADE  27. WAS WELL CORED NO  28. CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLET  3 3/8" 48# 662' 17 1/2" 620 SXS/Surf. Circ.  5/8" 28#/32# 4792' 12 1/4" 1480 SXS/Surf. Circ.  1/2" 11.6# 9200' 7 7/8" 370 SXS/TOC@7441' (TS)  ELINER RECORD 30. TUBING RECORD
9027' - 9059' (Bone Spring)  26. TYPE ELECTRIC AND OTHER LOGS RUN Included  27. WAS WELL CORED NO  28. CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLER  3 3/8" 48# 662' 17 1/2" 620 SXS/Surf. Circ.  5/8" 28#/32# 4792' 12 1/4" 1480 SXS/Surf. Circ.  1/2" 11.6# 9200' 7 7/8" 370 SXS/TOC@7441' (TS)  29. LINER RECORD 30. TUBING RECORD
9027'-9059' (Bone Spring)  26. TYPE ELECTRIC AND OTHER LOGS RUN Included  27. WAS WELL CORED NO  28. CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLET  3 3/8" 48# 662' 17 1/2" 620 SXS/Surf. Circ.  5/8" 28#/32# 4792' 12 1/4" 1480 SXS/Surf. Circ.  1/2" 11.6# 9200' 7 7/8" 370 SXS/TOC@7441' (TS)  29. LINER RECORD 30. TUBING RECORD
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Included   No   No
28. CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLER  3 3/8" 48# 662' 17 1/2" 620 SXS/Surf. Circ.  5/8" 28#/32# 4792' 12 1/4" 1480 SXS/Surf. Circ.  1/2" 11.6# 9200' 7 7/8" 370 SXS/TOC@7441' (TS)  29. LINER RECORD 30. TUBING RECORD
CASING SIZE/GRADE         WEIGHT, LB./FT.         DEPTH SET (MD)         HOLE SIZE         TOP OF CEMENT, CEMENTING RECORD         AMOUNT PULLER           3 3/8"         48#         662'         17 1/2"         620 SXS/Surf.         Circ.           5/8"         28#/32#         4792'         12 1/4"         1480 SXS/Surf.         Circ.           1/2"         11.6#         9200'         7 7/8"         370 SXS/TOC@7441' (TS)           9.         LINER RECORD         30.         TUBING RECORD
3 3/8"
5/8" 28#/32# 4792' 12 1/4" 1480 sxs/Surf. Circ. 1/2" 11.6# 9200' 7 7/8" 370 sxs/TOC@7441' (TS)  9. LINER RECORD 30. TUBING RECORD
1/2" 11.6# 9200' 7.7/8" 370 sxs/TOC@7441' (TS)  9. LINER RECORD 30. TUBING RECORD
29. LINER RECORD 30. TUBING RECORD
J. TUBING RECORD
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)
2 7/8"   8934'   8934'
9027'-9059' (Bone Spring 2 jspf-38 holes)  ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD)  AMOUNT AND KIND OF MATERIAL LISED.
9027 -9039 (Bottle Spiriting 2 JSpir-36 Holes) DEPTH INTERVAL (MD)  AMOUNT AND KIND OF MATERIAL USED  9027'-9059' A w/1650 gls 15% NEFE HCl
F w/31000 gls Delta Frac 20
& 106500# 20/40 Super LC sn
4 100300# 20740 Super EC 31
3.• PRODUCTION
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)  NELL STATUS (Producing or shut-in) Dumping (2" ×1 1/4" × 24')
pullipting (2 x1 1/4 x 24 ) Producting )
10 /0 /0C
YOW TURNING PROPERTY AND ADDRESS OF THE PROPERTY ADDRE
OL GRAVIII - API(CORK.)
ACCEPTED FOR ACCURATION OF GAS (Sold, used for fuel, vented, etc.)  Being vented w/o line to be laid  ORIG. SGD.) DAVID TO SECOND ORIGINAL ORIGINA
5. LIST OF ATTACHMENTS
C102, 3160-5's, indlination report, logs
6. I hereby certify that the oregoing and attached information is complete and contect as determined from all available records
signed Compliance 11/15/96
*(See Instructions and Spaces for Additional Data on Reverse Side)