

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
Minerals, Inc.
3. ADDRESS OF OPERATOR
P.O. Box 1320, Hobbs, NM 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 990' FNL & 660' FEL
AT TOP PROD. INTERVAL:
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 ☐	☐
FRACTURE TREAT ☐	☐
SHOOT OR ACIDIZE ☐	☐
REPAIR WELL ☐	☐
PULL OR ALTER CASING ☐	☐
MULTIPLE COMPLETE ☐	☐
CHANGE ZONES ☒	☐
ABANDON* ☐	☐
(other) ☐	☐

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.)*

Squeeze Strawn Perf. 11,772 - 792 W/50 SXS class 'H' cement containing 0.6% Halad. - 9. Drill out Strawn cement squeeze & Morrow cement squeeze @ 12,717 - 724. Test squeeze W/2500#. Spot 250 gals 10 % NE double inhibited acetic acid and re-perf. Morrow 'X' zone 12,717 - 724'. Acidize if necessary. Evaluate.

5. LEASE
C. A. SW-357 NM 049943

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Government 'A'

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
East Grama Ridge Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T22S, R34E

12. COUNTY OR PARISH 13. STATE

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3575 GR

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

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

NOV 27 1984

O.C.D.
HOBBS OFFICE

Form 3-301
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

SUBMIT IN TRIPPLICATE
(Other instructions on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

C.A. SW-357 NM-049943

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government "A"

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

East Grama Ridge Strawn

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 10, T22S, R34E

12. COUNTY OR PARISH

Lea

13. STATE
NM

SUNDRY NOTICES AND REPORTS

(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 ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Minerals, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 1320, Hobbs, NM 88241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

990' FNL & 660' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3575' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) PB to Strawn from Morrow

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)

1-16-84 - Perforated Morrow 12,717' to 12,724' (16 .25") acidized w/3500 gals 7-1/2% Morrowflo BC acid recovering 368 barrels of water with a slight show of gas.

Squeezed morrow perfs w/100 sacks class H .6 of 1% Halad 9 at 16.1 ppg.
Tested to 6100#. Tagged cement at 12,355.

Drilling cement.

1-28-84 - reperforated Morrow 12,717'- 12,724 (16 .25").

2-23-84 - Opened to pit on 40/64" Choke recovering 24 barrels of water with gas TSTM.

Mixed and pumped 50 sacks Class H cement containing .6% Halad 9, 15.6 ppg
and tested squeeze to 5500#.

2-24-84 - Perforated Strawn 11,772' to 11,792' 16 holes with 1 1-11/16" nu line gun.

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

SIGNED

TITLE

DATE

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 16 1984

*See Instructions on Reverse Side

Carlsbad, NEW MEXICO

RECEIVED
MAY 18 1984
G.C.D.
HOBBS OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
N. M. ON COM. COM. SIGN
P.O. BOX 1984
HOBBS, NEW MEXICO 88240Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐											
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____								
2. NAME OF OPERATOR Minerals, Inc.															
3. ADDRESS OF OPERATOR P. O. Box 1320, Hobbs, New Mexico 88240															
4. LOCATION OF WELL (Report location clearly and in accordance with state requirements). At surface 990' FNL & 660' FEL At top prod. interval reported below Same At total depth Same															
14. PERMIT NO.				DATE ISSUED 10-29-83											
15. DATE SPUDDED 11-10-83		16. DATE T.D. REACHED 1-10-84		17. DATE COMPL. (Ready to prod.) 2-24-84		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 3575' GR		19. ELEV. CASINGHEAD 3575'							
20. TOTAL DEPTH, MD & TVD 13,450'		21. PLUG BACK T.D., MD & TVD 12,870'		22. IF MULTIPLE COMPL., HOW MANY *		23. INTERVALS DRILLED BY →		ROTARY TOOLS XX		CABLE TOOLS					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *									25. WAS DIRECTIONAL SURVEY MADE No						
11,772' - 11,792' (Strawn)															
26. TYPE ELECTRIC AND OTHER LOGS RUN Comp. Neutron Litho Dens., Dual Laterolog, BHC Sonic									27. WAS WELL CORED No						
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13-3/8"		61#		1061'		17-1/2"		1215 Class C		Circulated					
9-5/3"		36 & 40#		5650'		12-1/4"		575 Class C							
				DV Tool @ 3760'				2100 HLC & 50 Cl C		Circulated					
7"		23 & 26#		11260'		8-1/2"		350 HLC & 350 Cl H		---					
29. LINER RECORD															
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)		30. TUBING RECORD					
4-1/2"		10,914'		13,447'		450 Cl H		-		SIZE 2-7/8"		DEPTH SET (MD) 10,914		PACKER SET (MD) ISA 10,914'	
31. PERFORATION RECORD (Interval, size and number)															
12717 - 12724 (16.25")															
11772 - 11792 (16.25")															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED									
12717 - 12724						Sq. w/100sx. Cl H tested to 6100#									
reperfs 12717-12724						sq. w/50 sx Cl H tested to 550#.									
11772 - 11792						None									
33. PRODUCTION															
DATE FIRST PRODUCTION 2-24-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Shut-in							
DATE OF TEST 2-24-84		HOURS TESTED 3		CHOKE SIZE 8/64"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 0.3		GAS—MCF. 144		WATER—BBL. -0-		GAS-OIL RATIO 180,000	
FLOW. TUBING PRESS. 2650		CASING PRESSURE Sealed		CALCULATED 24-HOUR RATE →		OIL—BBL. 6		GAS—MCF. 1150		WATER—BBL. 0		OIL GRAVITY-API (CORR.) 48.0			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented												TEST WITNESSED BY ACCEPTED FOR RECORD PETER W. CHESTER			
35. LIST OF ATTACHMENTS Logs															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED C. Klear		TITLE Vice President						DATE March 7, 1984							

* (See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF FORMER ZONES: SHOW ALL INTERVAL ZONES OF PRODUCTIVITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLUWING AND SHUT-IN PRESSURE, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	0	1070	Surface Rock, Redbeds	Rustler	1695	
	1070	1705	Anhy	Yates	3730	
	1705	4045	Shale, Sand, Salt, Anhy	Seven Rivers	4198	
	4045	5950	Dolo, Anhy	Delaware	5710	
	5950	11764	Sand, Lime, Shale	Leonard	8200	
	11764	12707	Lime, Shale, Chert, Sand	Bone Springs Lime	8380	
	12707	13450	Lime, Shale, Sand	1st Bone Sps. Sd.	9497	
				Wolfcamp	11183	
				Penn	11490	
				Strawn	11642	
				Atoka	11972	
				Morrow Lime	12564	
				Morrow Clastics	12788	

RECEIVED
MAR 16 1984
HOBBS OFFICE

NEW MEXICO
OIL CONSERVATION DIVISION
P. O. BOX 1980
HOBBS, NEW MEXICO
88240

Date March 9, 1984

NOTICE OF LLANO'S GAS CONNECTION:

OPERATOR: Minerals, Inc.

LEASE: Government "A"

WELL NUMBER AND UNIT: 2 A

LOCATION: 10 - 22S - 34E

POOL: East Grama Ridge Strawn

DATE WELL CONNECTED: March 7, 1984

DATE OF FIRST GAS SALES: March 7, 1984

LLANO'S STATION NUMBER: 367

LLANO, INC.
TRANSPORTER


REPRESENTATIVE
AL KLAAR

VICE PRESIDENT
TITLE

xc: Oil Conservation Division, Box 2088, Santa Fe, New Mexico 87501