

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

JUL - 8 1992

Form C-105
Revised 1-1-89

WELL API NO.
30-015-26954

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____

2. Name of Operator
Santa Fe Energy Operating Partners, L.P.

3. Address of Operator
550 W. Texas, Suite 1330, Midland, Texas 79701

4. Well Location
Unit Letter L : 660 Feet From The West Line and 1980 Feet From The South Line
Section 31 Township 23S Range 29E NMPM Eddy County

7. Lease Name or Unit Agreement Name
Harroun Trust 31 Fed Com

8. Well No.
1

9. Pool name or Wildcat
Culebra Bluff (Atoka), So.

10. Date Spudded
3-18-92

11. Date T.D. Reached
4-22-92

12. Date Compl. (Ready to Prod.)
5-30-92

13. Elevations (DF & RKB, RT, GR, etc.)
2962.4' GR

14. Elev. Casinghead
-

15. Total Depth
12,185'

16. Plug Back T.D.
12,090'

17. If Multiple Compl. How Many Zones?
N/A

18. Intervals Drilled By
All

19. Producing Interval(s), of this completion - Top, Bottom, Name
11,910'-11,951' (Atoka) 36 holes

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run

22. Was Well Cored
No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	645'	17-1/2	800 sx C1 C	N/A
9-5/8"	36#	2718'	12-1/4	1800 sx Lite + 250 sx	"C"
7"	26# & 29#	10,458'	8-3/4	300 sx Lite + 550 sx	50/50
			6-1/8		

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2"	10,149'	12,185'	100 sx "H"	

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-3/8"	11,869'	11,830'

26. Perforation record (interval, size, and number)

11,910'-11,920' 36 holes
11,945'-11,951'

27. **ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,910-11,951'	3000 gal 7-1/2% acid

28. **PRODUCTION**

Date First Production
6-25-92

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing

Well Status (Prod. or Shut-in)
Producing

Date of Test
6-25-92

Hours Tested
4

Choke Size
var.

Prod'n For Test Period

Oil - Bbl.
0

Gas - MCF
71

Water - Bbl.
0

Gas - Oil Ratio
N/A

Flow Tubing Press.
5052

Casing Pressure
pkr

Calculated 24-Hour Rate

Oil - Bbl.
0

Gas - MCF
CAOF 1994

Water - Bbl.
0

Oil Gravity - API - (Corr.)
N/A

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold - Pinnacle Natural Gas

Test Witnessed By

30. List Attachments
C-122 + attach, C-104, Logs, Deviation Survey, Directional Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Terry McCullough Printed Name Terry McCullough Title Sr. Prod. Clerk Date 7-7-92

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE
Southeastern Nat. Mon.

Southeastern New Mexico

Northwestern New Mexico

Northwestern New Mexico			
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn 11,613'	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka 11,863'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand 2770'	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs 6445'	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp 9619'	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 11,910' to 11,951' No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____
 OIL OR GAS SANDS OR ZONES
 IMPORTANT WATER CORRELATIONS

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1. from

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

WELL NAME & NUMBER Harroun Trust Fed. Com. "31" #1

LOCATION Sec. 31, T23S, R29E Eddy Co., NM
(Give Unit, Section, Township and Range)

OPERATOR Santa Fe Energy Operating Partners, LP 550 W. Texas, Ste. 1330 Midland, TX 79702

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79768

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
.75 330	1.00 6750		
2.00 880	.75 7250		
2.00 1167	1.25 7750		
2.00 1448	2.00 8270		
2.00 1754	2.00 8560		
1.00 2041	1.00 9056		
2.00 2352	1.50 9530		
1.75 3037	1.25 10080		
1.00 3500	1.50 10740		
.50 4000	1.75 11465		
.50 4492			
.75 5000			
.50 5500			
.50 6000			
.25 6375			

Drilling Contractor Grace Drilling Company

By L. V. Bohannon

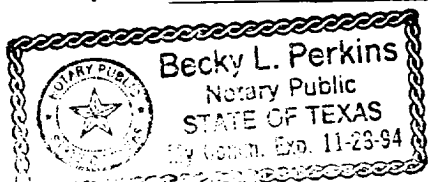
Subscribed and sworn to before me this 29 day of April, 19 93

L. V. Bohannon - Drlg. Supt.

Becky L. Perkins
Notary Public

My Commission Expires 11/28/94

County Texas



SCIENTIFIC DRILLING INTERNATIONAL

MIDLAND, TEXAS

SANTA FE

Well Name : SANTA FE/HARROUN TRUST FED COM 31-1
Location : EDDY COUNTY, NEW MEXICO
:
:
Date Surveyed : 4/3/92
Job Number : 32M0492012/32G0492013
Surveyor : RICK EATON/GARRY HENDRIX

This survey is correct to the best of my knowledge
and is supported by actual field data.

 COMPANY REPRESENTATIVE

S ENTIFIC DRILLING INTERNAT. IAL

Company : SANTA FE
Well Name : SANTA FE/HARROUN TRUST FED COM 31-1
Location : EDDY COUNTY, NEW MEXICO
:
:
No Interpolation

Page 1 of 3
Date 4/3/92
Filename : HARROUN1

MD	INC	DIR	TVD	LAT	DEP	VS	D'LEG
ft	deg	deg	ft	ft	ft	ft	°/100
0.0	0.00	N 0.00°E	0.00	0.00	0.00	0.00	0.0
100.0	0.60	N88.33°W	100.00	0.02	-0.52	0.50	0.6
200.0	0.63	N78.69°W	199.99	0.14	-1.59	1.54	0.1
300.0	0.70	N85.80°W	299.99	0.29	-2.73	2.67	0.1
400.0	0.84	N56.98°W	399.98	0.74	-3.96	3.97	0.4
500.0	1.50	N52.71°W	499.96	1.93	-5.61	5.93	0.7
600.0	2.32	N41.73°W	599.90	4.23	-8.00	8.96	0.9
700.0	2.46	N48.60°W	699.81	7.16	-10.96	12.74	0.3
800.0	2.01	N43.06°W	799.74	9.86	-13.77	16.30	0.5
900.0	2.06	N40.41°W	899.67	12.51	-16.13	19.42	0.1
1000.0	2.02	N28.72°W	999.61	15.43	-18.14	22.30	0.4
1100.0	1.99	N22.80°W	1099.55	18.57	-19.66	24.80	0.2
1200.0	1.90	N 4.38°W	1199.49	21.83	-20.46	26.65	0.6
1300.0	1.97	N13.58°E	1299.44	25.15	-20.18	27.52	0.6
1400.0	2.02	N14.43°E	1399.38	28.53	-19.34	27.87	0.1
1500.0	1.64	N20.80°E	1499.32	31.57	-18.39	28.02	0.4
1600.0	1.80	N25.58°E	1599.28	34.33	-17.21	27.84	0.2
1700.0	1.68	N24.58°E	1699.23	37.07	-15.92	27.56	0.1
1800.0	1.58	N18.86°E	1799.19	39.71	-14.86	27.46	0.2
1900.0	1.82	N 8.92°E	1899.15	42.59	-14.17	27.78	0.4
2000.0	1.10	N 5.82°E	1999.12	45.11	-13.83	28.32	0.7
2100.0	0.57	S62.84°E	2099.11	45.84	-13.29	28.06	1.4
2200.0	1.24	S56.29°E	2199.10	45.01	-11.95	26.51	0.7
2300.0	1.87	S73.80°E	2299.06	43.95	-9.48	23.83	0.8
2400.0	1.99	S53.77°E	2399.00	42.47	-6.51	20.54	0.7
2500.0	2.07	S27.01°E	2498.94	39.84	-4.29	17.56	0.9
2600.0	1.93	S24.04°E	2598.88	36.69	-2.78	15.07	0.2
2700.0	1.77	S26.68°E	2698.83	33.77	-1.40	12.78	0.2
2808.0	1.01	S46.94°E	2806.80	31.63	0.04	10.70	0.8
2901.0	1.08	S46.33°E	2899.78	30.47	1.27	9.14	0.1
2995.0	1.25	S50.63°E	2993.76	29.21	2.71	7.37	0.2
3089.0	0.77	S34.93°E	3087.75	28.04	3.86	5.88	0.6
3183.0	1.27	S34.37°E	3181.73	26.66	4.81	4.52	0.5
3277.0	1.06	S45.21°E	3275.72	25.19	6.01	2.89	0.3
3371.0	0.80	S37.71°E	3369.70	24.06	7.03	1.55	0.3
3465.0	1.21	S34.88°E	3463.69	22.72	8.00	0.18	0.4
3559.0	1.29	S18.43°E	3557.67	20.90	8.90	-1.28	0.4
3653.0	1.32	S46.70°E	3651.64	19.16	10.03	-2.93	0.7
3747.0	1.07	S16.09°E	3745.62	17.57	11.06	-4.44	0.7
3841.0	0.66	S32.90°E	3839.61	16.27	11.60	-5.38	0.5

SCIENTIFIC DRILLING INTERNATIONAL

Company : SANTA FE
Well Name : SANTA FE/HARROUN TRUST FED COM 31-1
Location : EDDY COUNTY, NEW MEXICO

Page 2 of 3
Date 4/3/92
Filename : HARROUN1

No Interpolation

MD ft	INC deg	DIR deg	TVD ft	LAT ft	DEP ft	VS ft	D'LEG °/100
3935.0	0.57	S 2.50°E	3933.61	15.35	11.91	-5.99	0.4
4029.0	0.63	S53.21°W	4027.60	14.58	11.52	-5.89	0.6
4123.0	0.45	S40.13°E	4121.60	13.98	11.34	-5.92	0.8
4216.0	0.32	S45.47°W	4214.60	13.52	11.39	-6.13	0.6
4310.0	0.32	S45.29°W	4308.60	13.15	11.02	-5.90	0.0
4498.0	0.19	N57.15°W	4496.60	12.95	10.38	-5.37	0.2
4592.0	0.53	N25.91°W	4590.59	13.43	10.06	-4.91	0.4
4686.0	0.56	N26.55°W	4684.59	14.23	9.67	-4.26	0.0
4780.0	0.35	N19.23°W	4778.59	14.91	9.37	-3.75	0.2
4874.0	0.59	N30.86°W	4872.58	15.60	9.02	-3.19	0.3
4968.0	0.69	N61.16°W	4966.58	16.29	8.28	-2.26	0.4
5062.0	0.92	N41.70°W	5060.57	17.13	7.28	-1.03	0.4
5156.0	0.86	N70.44°W	5154.56	17.93	6.11	0.34	0.5
5250.0	0.90	N38.93°W	5248.55	18.74	4.98	1.67	0.5
5344.0	0.95	N38.36°W	5342.53	19.92	4.04	2.97	0.1
5438.0	0.74	N65.02°W	5436.52	20.79	3.00	4.23	0.5
5532.0	1.17	N65.30°W	5530.51	21.45	1.58	5.79	0.5
5625.0	0.74	N49.11°W	5623.50	22.24	0.26	7.30	0.5
5719.0	0.64	N55.07°W	5717.49	22.93	-0.63	8.37	0.1
5813.0	0.52	N57.05°W	5811.49	23.47	-1.41	9.30	0.1
5907.0	0.66	S89.86°W	5905.48	23.70	-2.31	10.22	0.4
6001.0	0.26	N69.93°W	5999.48	23.77	-3.06	10.94	0.5
6095.0	0.39	S61.63°W	6093.48	23.69	-3.54	11.37	0.3
6189.0	0.43	S63.13°W	6187.47	23.38	-4.13	11.82	0.0
6283.0	0.13	S70.54°E	6281.47	23.18	-4.35	11.96	0.6
6377.0	0.14	S82.06°E	6375.47	23.13	-4.13	11.74	0.0
6471.0	0.50	N44.11°W	6469.47	23.41	-4.31	12.00	0.7
6565.0	0.78	S83.41°W	6563.47	23.63	-5.23	12.94	0.7
6659.0	0.52	N87.84°W	6657.46	23.58	-6.29	13.92	0.3
6753.0	0.69	N85.72°W	6751.46	23.63	-7.28	14.87	0.2
6847.0	0.93	N35.25°W	6845.45	24.30	-8.28	16.04	0.8
6941.0	1.28	N50.21°W	6939.43	25.59	-9.53	17.65	0.5
7034.0	1.73	N72.93°W	7032.40	26.67	-11.67	20.03	0.8
7128.0	2.05	N58.12°W	7126.35	27.98	-14.45	23.09	0.6
7222.0	1.90	N69.95°W	7220.29	29.40	-17.35	26.29	0.5
7316.0	1.59	S71.73°W	7314.25	29.52	-20.05	28.88	1.3
7410.0	1.21	S39.40°W	7408.22	28.35	-21.92	30.24	0.9
7504.0	1.49	S10.20°W	7502.20	26.38	-22.76	30.36	0.8
7598.0	1.17	S16.63°W	7596.17	24.25	-23.25	30.11	0.4
7692.0	1.01	S27.33°W	7690.16	22.60	-23.91	30.16	0.3

S/ INTIFIC DRILLING INTERNATIONAL

Company : SANTA FE
Well Name : SANTA FE/HARROUN TRUST FED COM 31-1
Location : EDDY COUNTY, NEW MEXICO

Page 3 of 3
Date 4/3/92
Filename : HARROUN1

No Interpolation

MD ft	INC deg	DIR deg	TVD ft	LAT ft	DEP ft	VS ft	D'LEG °/100
7786.0	1.22	S15.59°W	7784.14	20.90	-24.56	30.19	0.3
7880.0	0.76	N73.68°E	7878.13	20.11	-24.23	29.62	1.9
7974.0	2.90	N51.86°E	7972.08	21.75	-21.76	27.85	2.4
8068.0	2.22	N47.13°E	8065.98	24.46	-18.56	25.76	0.8
8162.0	1.74	N14.76°E	8159.93	27.08	-16.86	25.05	1.3
8256.0	2.06	N 0.47°W	8253.88	30.15	-16.51	25.76	0.6
8349.0	1.81	N15.92°W	8346.83	33.23	-16.92	27.20	0.6
8443.0	1.53	N20.53°W	8440.79	35.84	-17.77	28.88	0.3
8537.0	1.65	N38.16°W	8534.75	38.08	-19.05	30.84	0.5
8631.0	1.44	N32.39°W	8628.72	40.14	-20.52	32.92	0.3
8725.0	1.28	N34.62°W	8722.69	42.00	-21.75	34.71	0.2
8819.0	0.59	S87.79°W	8816.68	42.84	-22.83	36.01	1.2
8913.0	0.73	S55.16°W	8910.67	42.48	-23.80	36.81	0.4
9007.0	0.97	S27.25°W	9004.66	41.43	-24.66	37.26	0.5
9101.0	1.04	S13.19°W	9098.65	39.90	-25.22	37.26	0.3
9195.0	0.93	S40.96°W	9192.63	38.49	-25.91	37.44	0.5
9289.0	1.54	S35.07°W	9286.61	36.88	-27.14	38.04	0.7
9383.0	1.63	S37.72°W	9380.58	34.79	-28.68	38.79	0.1
9477.0	1.59	S37.46°W	9474.54	32.70	-30.29	39.59	0.0
9571.0	2.02	S39.69°W	9568.49	30.39	-32.14	40.55	0.5
9665.0	1.50	S37.91°W	9662.45	28.14	-33.96	41.49	0.6
9758.0	1.45	S28.31°W	9755.42	26.14	-35.26	42.04	0.3
9852.0	1.43	S46.42°W	9849.39	24.29	-36.68	42.74	0.5
9946.0	1.22	S33.42°W	9943.36	22.64	-38.08	43.50	0.4
10040.0	1.51	S38.74°W	10037.34	20.84	-39.40	44.14	0.3
10134.0	1.48	S22.63°W	10131.30	18.76	-40.65	44.60	0.4
10228.0	1.11	S 5.00°W	10225.28	16.73	-41.19	44.42	0.6
10322.0	0.76	S29.94°E	10319.27	15.28	-40.96	43.72	0.7
10416.0	0.72	S63.30°E	10413.26	14.48	-40.12	42.65	0.5

Origin of Bottom Hole Closure PLATFORM CENTRE
Bottom Hole Closure 43 ft N70.16°W

SEC 31 TWN 23 RGE 29

API # 30-015-26954

OPERATOR SANTA FE OP PART LP

WELL NAME HARROUN TRUST 31 FED COM #1

STATE OCD TOPS AS PER PAUL F KAUTZ

DATE 9 JULY 92

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn <u>11613</u>	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka <u>11779</u>	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand <u>2770</u>	T. Todilto	T.
T. Drinkard	T. Bone Springs <u>6446</u>	T. Entrada	T.
T. Abo	T. <u>DELAWARE LM 2740</u>	T. Wingate	T.
T. Wolfcamp <u>9610</u>	T.	T. Chinle	T.
T. Penn <u>11239</u>	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

REMARKS:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2085
Santa Fe, New Mexico 87504-2088

MAY 20 1992

O. C. D.

WELL API NO.	30-015-26954
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Harroun Trust 31 Fed Com
8. Well No.	1
9. Pool name or Wildcat	Culebra Bluff (Atoka), South

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER ☐	2. Name of Operator Santa Fe Energy Operating Partners, L.P.
3. Address of Operator 550 W. Texas, Suite 1330, Midland, Texas 79701	4. Well Location Unit Letter L : 660 Feet From The West Line and 1980' Feet From The South Line Section 31 Township 23S Range 29E NMPM Eddy County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 2962.4' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER: Ran liner, RR, began comp oper. ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-22-92: TD 6-1/8" hole @ 12,185'.

4-23-92: Logging.

4-24-92: Trip in hole w/ 4-1/2" liner.

4-25-92: Set 50 jts 4-1/2" 13.5# N-80, P-110, & S-95 liner @ 12,185', landing collar @ 12,102', liner top @ 10,149', hanger and packer @ 10,163'. Annulus packed off - could not circulate. Decided not to cement liner at this point.

4-26-92: Run 3.66" gauge ring & set Howco EZSV @ 12,090'. RU and run stinger for EZSV and tubing. RU Howco. Pump 100 sx C1 "H" + 1% Halad 322 preceded w/ 500 gals mud flush. Plug down @ 12:45 p.m. Had partial & no returns during displacement. Pull 5 stands. Circ. LD DP.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Perry McCullough TITLE Sr. Production Clerk DATE May 19, 1992
TYPE OR PRINT NAME Perry McCullough TELEPHONE NO. 687-3551

(This space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT I

MAY 25 1992

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

4-27-92: LD Kelly. PU and RIH w/ 380 jts 2-3/8" 4.7# N-80 tbg. End of tubing @ 11,750'. RD casing crew. ND. Hang tbg tree. Clean pits. Drilling rig released at 12:00 midnight. WOCU.

5-13-92: Resume operations. MI & RU completion unit. Circ tbg bottom up twice.

5-14-92: Ran cement bond log. TOC @ 11,180'. Had all zones covered w/ cement.

5-18-92: Spot 7-1/2% HCl acid. Perf Atoka "AD" Sand @ 11,945'-951' w/ 2 SPF. Broke down formation w/ spot acid @ 5000 psi. Well would not flow. Perf Atoka "AC" Sand 11,910'-920' w/ 2 SPF. Had 1200 psi @ surface.

After 12 hours - well flowing 903 MCFGPD on 14/64" choke w/ 2125 psi FTP.

5-19-92: Plan to acidize w/ 3000 gal 7-1/2% Morrow acid.

mc
5/19/892

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504

RECEIVED

APR - 8 1992

O. C. D.

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PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☒
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-4-92: Depth 10,458'. RU casing crew and run 253 jts 7" casing (29# P-110 LT&C and 26# S-95 LT&C). Set at 10,458' (shoe). FC @ 10,373'. Cemented w/ 300 sx Howco Lite w/ 5 pps silica fume + 10 pps salt. Tail w/ 550 sx 50/50 POZ H w/ 6 pps salt + 0.3% Halad 322. Had 3000 psi of lift and good returns throughout. Plug down at 11:45 p.m. WOC.

4-5-92: WOC. Test blind rams, pipe rams, valves, upper and lower kelly cock to 10,000 psi, held okay. LD machine broke down. Repairs.

4-6-92: Finish PU drill pipe. Tag cmt at 10,300'. Install rotating head. Resume drilling operations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Terry McCullough TITLE Sr. Production Clerk DATE 4-7-92
TYPE OR PRINT NAME Terry McCullough TELEPHONE NO. 915/ 687-3551

(This space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE APR 10 1992

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MAR 25 1992

O. C. D.

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6. State Oil & Gas Lease No.
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OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
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CASING TEST AND CEMENT JOB ☒
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-21-92: Depth 2718'. Ran 63 jts 9-5/8" 36# casing and set at 2718' (shoe). FC at 2638'. Cemented w/ 1800 sx Howco Lite w/ 6% gel + 15 pps salt + 1/4 pps flocele. Tail w/ 250 sx Cl C + 2% CaCl₂. Circulated 175 sx to surface. WOC.

3-22-92: WOC. Cut csg off. Weld on 9-5/8" x 5000 head. Nipple up 11" x 10,000 triple stack w/ 5000 Hydril. WOC total of 18 hours. Test blind rams and casing to 1500 psi - held ok. PU BHA and TIH. Resume drilling operations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Terry McCullough TITLE Sr. Production Clerk DATE March 24, 1992
TYPE OR PRINT NAME Terry McCullough TELEPHONE NO. 915/ 687-3551

(This space for State Use) ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II

TITLE _____ DATE MAR 26 1992

CONDITIONS OF APPROVAL, IF ANY:

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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P.O. Drawer DD, Artesia, NM 88210

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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MAR 23 1992

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OTHER: ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-18-92: Spud 17½" hole at 3:30 a.m. Drilled to 645'. RU csg crew and ran 15 jts 13-3/8" 48# H-40 casing and set at 645' (shoe). FC @ 563'. Cemented w/ 500 sx Cl C w/ 4% gel + ¼ pps flocele. Tail w/ 300 sx Cl C + 2% CaCl. Circ 75 sx to pit. WOC.

3-19-92: WOC total of 12½ hours. Test csg to 600 psi for 30 min - held okay. NU and test BOP. NU hydril. Pick up BHA and TIH. Resume drilling operations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Terry McCullough TITLE Sr. Production Clerk DATE March 20, 1992
TYPE OR PRINT NAME Terry McCullough TELEPHONE NO. 915/ 687-3551

(This space for State Use) ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II

TITLE

DATE

MAR 26 1992

CONDITIONS OF APPROVAL, IF ANY: