

District I
1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-104
Revised June 1, 2000

OIL CONSERVATION DIVISION

1220 South St. Francis Drive

Santa Fe, NM 87505

Submit to Appropriate District Office

5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address APACHE CORPORATION 2000 POST OAK BLVD., SUITE 100 HOUSTON, TEXAS 77056-4400		OGRID Number 000873
Reason for Filing Code / Effective Date NW / 6/4/01		
API Number 30-025-35515	Pool Name Penrose Skelly, Grayburg	Pool Code 50350
Property Code 23113	Property Name State C Tr 12	Well Number 8

II. Surface Location

U/I or lot no. D	Section 16	Township 21S	Range 37E	Lot. Idn	Feet from the 660	North/South line North	Feet from the 810	East/West line West	County Lea
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Bottom Hole Location

U/I or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lse Code S	Producing Method Code P	Gas Connection Date 6/4/2001	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
166418	Oasis Transporting & Marketing 13520 W. Hwy 80 E Odessa, Texas 79765	042410	O	F, Sec. 16, T-21S, R-37E
020809	Sid Richardson Gasoline Co. 201 Main Street, Suite 2700 Ft Worth, Texas 76102-3131	042430	G	F, Sec. 16, T-21S, R-37E

IV. Produced Water

POD 042450	POD ULSTR Location and Description F, Sec. 16, T-21S, R-37E
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V. Well Completion Data

Spud Date 5/3/2001	Ready Date 6/4/2001	TD 4450	PBTD 4362	Perforations 3764 - 4001	DHC, MC
Hole Size 12-1/4	Casing & Tubing Size 8-5/8	Depth Set 1203	Sacks Cement 460 sx / Circulated 60 sx		
	5-1/2	4450	975 sx / Circulated 145 sx		
	2-7/8	4030			

VI. Well Test Data

Date New Oil 6/4/2001	Gas Delivery Date 6/4/2001	Test Date 6/10/2001	Test Length 24	Tbg. Pressure	Csg. Pressure
Choke Size	Oil 121	Water 320	Gas 459	AOP	Test Method Pumping

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed Name:

Debra J. Anderson

Title:

Sr. Engineering Technician

Date:

6/19/2001

Phone:

713-296-6338

Approved by:

Title:

Orig. Signed by
Paul Kautz
Geologist

Approval Date:

6/19/2001

OIL CONSERVATION DIVISION

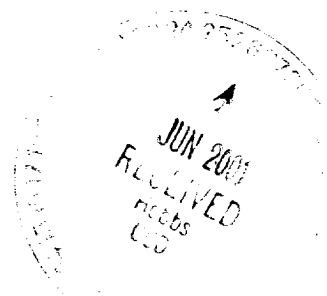
If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature:

Printed Name

Title

Date



Submit to Appropriate District Office

State Lease-6 copies

Fee Lease-5 copies

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State of New Mexico
Energy, Minerals and Natural ResourcesForm C-105
Revised March 25, 1999OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

WELL API NO.

30-025-35515

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☐ Workover☐ Deepen☐ Plug Back☐ Diff. Resvr.☐ Other

2. Name of Operator

Apache Corporation

3. Address of Operator

2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400 / 713-296-6000

4. Well Location

Unit Letter D : 660 Feet From The North Line and 810 Feet From The West Line
Section 16 Township 21S Range 37E NMPM Lea County

10. Date Spudded

5/3/01

11. Date T.D. Reached

5/10/01

12. Date Compl. (Ready to Prod.)

6/4/01

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

3488'

GR

14. Elev. Casinghead

15. Total Depth

4450

16. Plug Back T.D.

4362

17. If Multiple Compl. How

Many Zones?

18. Intervals

Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

Grayburg 3764 - 4001

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

GR-CNL / GR-DLL

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
8-5/8	24#	1203	12-1/4	460 sx / Circulated 60 sx	
5-1/2	17#	4450	7-7/8	975 sx / Circulated 145 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	4030	

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

Grayburg 3764-68, 75-84, 88-3807, 12-16, 23-29, 32-52, 62-65,
72-76, 88-96, 3902-32, 38-41, 58-68, 78-4001 - 4" - 585 Holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3764 - 4001	Acidize w/ 7500 gals 15% HCL
	Frac w/ 31000 gals gel & 60160# 16/30 sand

28. PRODUCTION

Date First Production 6/4/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1.5" Rod Insert				Well Status (Prod. or Shut-in) Producing	
Date of Test 6/10/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 121	Gas - MCF 459	Water - Bbl. 320	Gas - Oil Ratio 3739
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 36.5	

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

Sold Apache Corporation

30. List Attachments

Logs, Deviation Report, C-104

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

Printed
Name

Debra J. Anderson

Title

Sr. Engineering Technician

Date

06/19/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division Office 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 New Mexico

Northwestern New Mexico

T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2650	T. Miss		T. Cliff House		F. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		F. Madison	
T. Queen	3452	T. Silurian		T. Point Lookout		F. Elbert	
T. Grayburg	3703	T. Montoya		T. Mancos		F. McCracken	
T. San Andres	4008	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta		T. McKee		Base Greenhorn		F. Granite	
T. Paddock		T. Ellenburger		T. Dakota		F.	
T. Blinbry		T. Gr. Wash		T. Morrison		F.	
T. Tubb		T. Delaware Sand		T. Todilto		F.	
T. Drinkard		T. Bone Springs		T. Entrada		T.	
T. Abo		T. Rustler	1285	T. Wingate		T.	
T. Wolfcamp		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 to No. 3, from to
No. 2, 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

LITHOLOGY RECORD (Attach additional sheet if necessary)

LITHOLOGY RECORD (Attach additional sheet if necessary)							
From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology

4
JUN 2000
RECEIVED
HSES
100

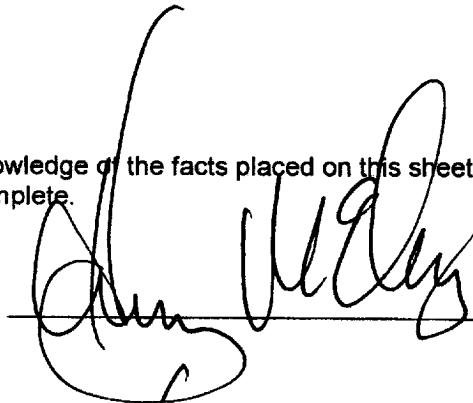
4
MAR 2000
RECEIVED

Deviation survey taken on Apache Corporation's STATE C TRACT 12 # 8 well in Lea County,
New Mexico: 0-16-21s. 37e 660/N 7 810/W

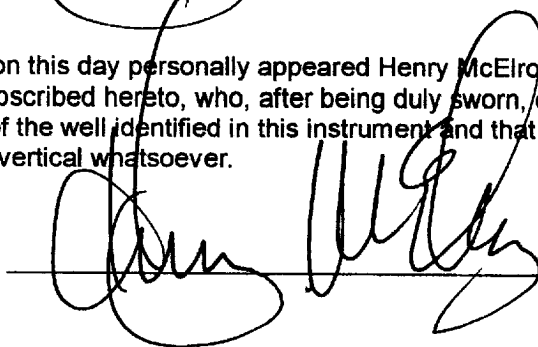
<u>Depth</u>	<u>Degree</u>
307	.25
561	.25
883	.25
1191	.50
1382	.50
1663	1.25
1910	1.25
2192	1.25
2445	1.25
2659	1.25
3197	1.00
3663	1.00
4190	1.00
4450	1.25

30.025-35515

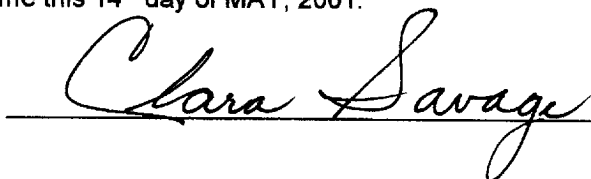
I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.



Before me, the undersigned authority, on this day personally appeared Henry McElroy, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

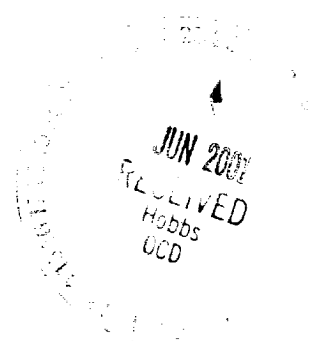


SWORN AND SUBSCRIBED TO before me this 14th day of MAY, 2001.





LB



Submit 3 Copies to Appropriate District
Office

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State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
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FORM C-103
Revised March 25, 1999

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.)		WELL API NO. 30-025-35515
1. Type of Well: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. Indicate Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400		7. Lease Name or Unit Agreement Name State "C" Tr 12
4. Well Location Unit Letter D : 660 Feet From The North Line and 810 Feet From The West Line Section 16 Township 21S Range 37E NMPM Lea County		8. Well No. 8
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3488' GR		9. Pool name or Wildcat Penrose Skelly; Grayburg

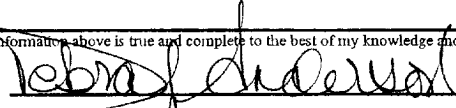
11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: <input type="checkbox"/> Perform Remedial Work <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Change Plans <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Other	SUBSEQUENT REPORT OF: <input type="checkbox"/> Remedial Work <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Commence Drilling Operations <input type="checkbox"/> Plug and Abandonment <input type="checkbox"/> Casing Test and Cement Job <input checked="" type="checkbox"/> 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

5/3/2001 MIRU Big Dog Rig # 5. Spud well @ 8:00 pm

5/4/2001 Drilled 12-1/4" hole to 1203'. Ran 27 jts 8-5/8" 24# J-55 ST&C casing. Cemented w/ 325 sx 35/65 POZ "C" & 135 sx Class "C". Circulated 60 sx to pit

5/11/2001 Drilled 7-7/8" hole to 4450'. Ran 101 jts 5-1/2" 17# J-55 LT&C casing. Cemented w/ 575 sx 35/65 POZ "C" & 400 sx Class "C". Circulated 145 sx to pit. Top of float collar @ 4362'. Top of float shoe @ 4448'. Released rig @ 10:00 pm

I hereby certify that the information above is true and complete to the best of my knowledge and belief.			
SIGNATURE		TITLE	Sr. Engineering Technician
DATE	5/15/2001	TELEPHONE NO.	713-296-6338
TYPE OR PRINT NAME Debra J. Anderson		(This space for State Use)	
APPROVED BY	TITLE	DATE	
CONDITIONS OF APPROVAL, IF ANY:			