FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	✓
Entered On S R Sheet	✓	Copy N I D to Field Office	✓
Location Map Pinned	✓	Approval Letter	✓
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA: Suspended 40-Acre test well

Date Well Completed 9-7-59 Location Inspected

OW..... WW..... TA..... Bond released

GW..... OS ✓ PA..... State of Fee Land

LOGS FILED

Driller's Log 12-2-59

Electric Logs (No.) 5

E..... I..... E-I ✓ GR ✓ GR-N ✓ Micro.....

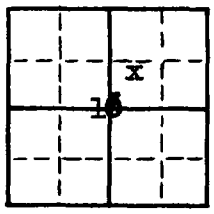
Lat..... Mi-L..... Sonic..... Others Formation Tester, Caliper Log, Induction Electrical, Gamma Ray } Log

Scout Report sent out	☑
Noted in the NID File	☑
Location map pinned	☐
Approval or Disapproval Letter	☑
Date Completed, P. & A. or operations suspended	9-7-59
Pin changed on location map	☐
Affidavit and Record of A & P	☐
Water Shut-Off Test	☐
Gas-Oil Ratio Test	☐
Well Log Filed	☑

Form OGCC-1

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING

SALT LAKE CITY 14, UTAH

Fee and Patented ☐
State ☐
Lease No. ML 3156

Public Domain ☐
Lease No.

Indian ☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill	X	Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 27, 1959

Well No. ~~State Three~~ ~~32-16~~ Now 9216 is located 1975 ft. from {N} line and 3304 ft. from {W} line of Sec. 16

NE 16 (¼ Sec. and Sec. No.) 40S (Twp.) 24E (Range) SLBM (Meridian)

Aneth (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation is 4565 feet. (Approx. ground)

A drilling and plugging bond has been filed with State of Utah.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

1. Drill 20" hole to 80'.
2. Cement 16" conductor pipe at 80' with 50 sacks cement.
3. Drill 13-3/4" hole to 1400'±.
4. Run and cement 10-3/4" casing at 1400'±. Depending on water flow, cement with 300 sacks treated cement (circulated).
5. Drill 9" hole to 5385'±.
6. Cement 7" casing at 5385'± with 200 sacks cement.
7. Core 6-1/8" hole to 5560'± (Paradox).
8. Make wire line tests and conventional tests of open hole interval 5385'± to 5560'±.
9. Wash with 250 gallons mud acid, inject 3000 gallons regular acid and 4000 gallons retarded acid.
10. Make production tests.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Shell Oil Company

Address 705 West Municipal Drive
Farmington, New Mexico

By R. S. Mac Alister, Jr.
Title Division Exploitation Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

SHELL OIL COMPANY
705 West Municipal Drive
Farmington, New Mexico

April 27, 1959

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Gentlemen:

Attached for your approval are Notices to Drill on three 40-acre spaced wells in the Greater Aneth Area. These wells were provided for and are to be drilled under the terms of the Commission's order for gathering spacing data in five test wells. Your favorable consideration will be appreciated.

Very truly yours,

C. R. Robison
Division Production Manager

Attachments

OUR FIRST CENTURY
BORN IN FREEDOM
WORKING FOR PROGRESS

April 28, 1959

Shell Oil Company
705 West Municipal Drive
Farmington, New Mexico

Attention: R. R. Robison,
Division Production Manager

Gentlemen:

With reference to your notice of intention to drill Well No. ~~State Three 32-16~~ Navajo 32-16, which is to be located 1975 feet from the north line and 3304 feet from the west line of Section 16, Township 40 South, Range 24 East, SLBM, San Juan County, Utah, please be advised that approval to drill said well is hereby granted subject to the Order which was issued in Cause No. 17 (Combined Causes No. 8 and 11), as a result of the hearing held on February 2 and 3, 1959.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: J. A. Anderson,
Regional Oil & Gas Supervisor
U.S.G.S. Roswell,
New Mexico

P. T. McGrath, District Engineer
U.S.G.S.
Farmington, New Mexico

State Land Board
105 State Capitol Building
Salt Lake City, Utah

Form OGCC-1

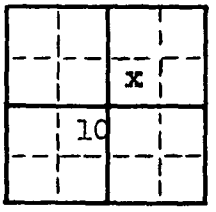
(SUBMIT IN DUPLICATE)

LAND:

Fee and Patented ☐
State ☒
Lease No. ML 3156

Public Domain ☐
Lease No.

Indian ☐
Lease No.



STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	X
Notice of Intention to Abandon Well			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 11, 19 59

Well No. ~~State Three~~ Now Aneth ~~32-16~~ is located 1975 ft. from {N} line and 3304 ft. from {W} line of Sec. 16

NE 16	40S	24E	SLBM
(¼ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)

Aneth	San Juan	Utah
(Field)	(County or Subdivision)	(State or Territory)

The elevation of the derrick floor above sea level is 4578.33 feet.

A drilling and plugging bond has been filed with State of Utah.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Spudded 6-2-59

6-4-59 to 6-7-59 Ran and cemented 16" conductor pipe at 90' with 150 sacks cement treated with 2% calcium chloride. Good returns to surface. Ran and cemented (1397') 10-3/4", 32.75# J-55 casing at 1408' with 350 sacks cement treated with 2% calcium chloride. Good returns. Flanged up and waited on cement. Pressure tested BOP and casing with 700 psi for 15 minutes, OK.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Shell Oil Company

Address 705 West Municipal Drive
Farmington, New Mexico

By R. S. Mac Alister, Jr.

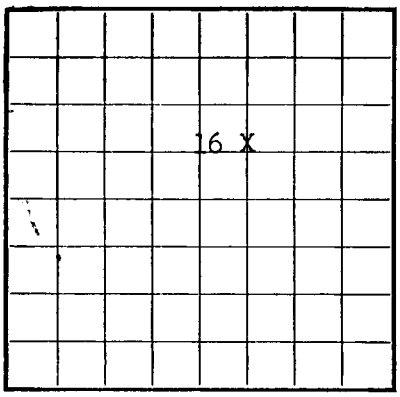
Title Division Exploitation Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

PRELIMINARY REPORT
40-ACRE TEST WELL

Form OGCC-3

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
State Capitol Building
Salt Lake City 14, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until - - -
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company Shell Oil Company Address P. O. Box 158, Farmington, N.M.

Lease or Tract State Three Field Aneth State Utah

Well No. ~~32-16~~ now 6216 Sec. 16 T. 40S R. 24E Meridian SLBM County San Juan

Location 1975 ft. {N. / S.} of N Line and 3304 ft. {E. / W.} of W Line of Section 16 Elevation KB 4580 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed T. Stuart Hughes Jr

Date November 27, 1959 Title Div. Exploitation Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling June 2, 1959 Finished drilling July 3, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5402 to 5594 (open hole) No. 4, from ____ to ____

No. 2, from ____ to ____ No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from ____ to ____

No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
16"	42		Spang	79'	-	-	-	-	Conductor pipe
10-3/4"	33			1397'	Baker	-	-	-	Surface
7"	23			5391'	Baker	-	5402	5594	Production
							open hole		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	90	150	Displacement	-	-
10-3/4"	1408	350	Displacement	-	-
7"	5402	200	Displacement	-	-

PLUGS AND ADAPTERS

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5594 feet, and from - feet to - feet

Cable tools were used from - feet to - feet, and from - feet to - feet

Suspended 40-acre test well

DATES

September 7, 1959 Put to producing ....., 19....

The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....% emulsion; .....% water; and .....% sediment. Gravity, °Bé. .....

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Moran Bros. Inc.

....., Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	ELECTRIC LOG TOPS		
2178	2272	94	Shinarump
2272	2380	108	Moenkopi
2380	4403	2023	Cutler
4403	5386	983	Hermosa
5386	-	-	Paradox

(OVER)

At the end of complete Driller's Log, add Geologic Data whether from Electric Logs or samples.

DEC 2 1959

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Now 32-16 Date: 6-26-59 A.M.

Depth: 5407' Drilled: 59' Cored: Ø

Other Operations:

Location: 1975' S and 3304' E of NW Corner Section 16, T40S, R24E, SLBM, San Juan County, Utah

Elevations: DF 4578.33'
GR 4568.83'
KB 4579.83'

Preliminary Data Determinations:

REMARKS:

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ now S216 Date: 6-27-59 A.M.

Depth: 5407' Drilled: Ø Cored: Ø

Other Operations:

Cemented 7", 23# casing at 5402' with 200 sacks cement.

Preliminary Data Determinations:

REMARKS:

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ now 32-16 Date: 6-28-59 A.M.

Depth: 5407' Drilled: Ø Cored: Ø

Other Operations:

Found top of cement at 5312'. Cleaned out cement, changed to oil base mud.

Preliminary Data Determinations:

REMARKS:

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ now G216 Date: 6-29-59 A.M.

Depth: 5430' Drilled: Ø Cored: 23'

Other Operations:

Coring.

Preliminary Data Determinations:

REMARKS:

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Now S 216 Date: 6-30-59 A.M.

Depth: 5474 Drilled: Ø Cored: 44'

Other Operations:

Cut Core #1

Preliminary Data Determinations:

All Cores Corrected 7'

Core #1 - 5414 - 61' Recovered 47'

19' Limestone, III-I VF-L B_{tr-8} + C_{tr-5} + D_{tr} w/ shale inter.

12' Limestone, I VF-F B_{tr-2} + C_{tr-2}

5' Limestone, III VFA

11' Limestone, I-III VF-F B_{2-8} + C_{2-8}

REMARKS:

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Tr. 32-16~~ Now 8216 **Date:** 7-1-59 A.M.

Depth: 550' **Drilled:** ø **Cored:** 30

Other Operations:

Cut Core #2.

Preliminary Data Determinations:

Core #2 - 5461-5511' Recovered 50'
15' Limestone, I-III VF-F B_{tr-4} + C_{tr-3}
19' Limestone, IVFA
16' Limestone, IVF-F B_{tr-8} + C_{tr-6} + D_{tr-2}

REMARKS:

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~
Now G 216

Date: 7-2-59 A.M.
to
7-3-59 A.M.

Depth: 5588'

Drilled: ø

Cored: 84'

Other Operations:

Cut Core #3

Preliminary Data Determinations:

Core #3 - 5511 - 61' Recovered 50'
22' Limestone, IVF-F B_{Ir-3} + C_{Ir-5} + D_{Ir-2}
15' Limestone, IVFLA
13' Dolomite, I-III VF-F B_{Ir-2}

REMARKS:

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Now E 2/6 **Date:** 7-4-59 A.M.

Depth: 5594' **Drilled:** -0- **Cored:** 6

Other Operations:

Cut Core #4 Ran Induction Electrical Survey, Gamma Ray-Neutron and Section Gauge Ran Schlumberger wire line tests S-1, S-2, S-3, S-4, S-5.

Preliminary Data Determinations:

Core #4 - 5561-5601' Recovered 40 . 5' Limestone, IVF-B . . C_{tr}, 8' Dolomite, IVF-F $B_{tr.8}$, 27' Shale.

WLT S-1 @ 5413.5', 250 cc, open 2 hrs 4 min.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 1809 psi (rising) at 5421.5'	SIP 1815 psi (rising) at 5421.5'
HP Not readable	

WLT S-2 @ 5423.0', 250 cc, open 1 hr 2 min

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 1777 psi (stab.) @ 5431'	SIP 1787 psi @ 5431'
HP 2580 psi @ 5431'	HP 2590 psi @ 5431'
2445 psi @ 5131'	2452 psi @ 5131'
2493 psi @ 5231'	2500 psi @ 5231'
2541 psi @ 5331'	2550 psi @ 5331'

WLT S-3 @ 5436.5', 250 cc, open 1 hr. 2 min.

Recorder HK 1020 (12017N)	Recorder 13215 (7769N)
SIP 1878 psi @ 5444.5'	SIP 1883 psi @ 5444.5'
HP 2592 @ 5444.5'	HP 2596 psi @ 5444.5'

WLT S-4 @ 5450.0', 250 cc, open 1 hr. 30 min.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 1871 psi (stab.) @ 5458.0'	SIP 1877 psi @ 5458.0'
HP 2593 psi @ 5458.0'	HP 2599 psi @ 5458.0'

WLT S-5 @ 5471.0', 250 cc, open 2 hrs. 23 min.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 1913 psi (stab.) @ 5479.0'	SIP 1914 psi @ 5479.0'
HP Not readable	HP Not readable

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Now S-216 **Date:** 7-5-59 A. M.

Depth: 5594 **Drilled:** Ø **Cored:** -

Other Operations:

Ran Schlumberger Wire line tests S-6, S-7, S-8, S-9, S-10, S-11, S-12, and S-13

Preliminary Data Determinations:

WLT S-6 @ 5503.0', 250 cc., open 1 hr. 10 min.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 1579 psi (stab) @ 5511.0'	SIP 1589 psi @ 5511.0'
HP 2619 psi @ 5511.0'	HP 2629 psi @ 5511.0'

WLT S-7 @ 5509.5', 250 cc., open 2 hr., 3 min.

Recorder 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 1575 psi (rising) @ 5517.5	SIP 1580 psi @ 5517.5'
HP not readable	HP not readable

WLT S-8 5429.0', 250 cc., open 1 hr.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 526 psi (dry) @ 5437.0'	SIP 526 psi @ 5437.0'
HP 2590 psi @ 5437.0'	HP 2599 psi @ 5437.0'

WLT S-9 5442.0', 250 cc., open 1 hr. 1 min.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 542 psi (dry) @ 5450'	SIP 545 psi @ 5450'
HP 2592 psi @ 5450'	HP 2599 psi @ 5450'

WLT S-10 @ 5458 , 250 cc., open 1 hr. 10 min.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 546 psi (dry) @ 5466'	SIP 549 psi @ 5466'
HP 2598 psi @ 5466'	HP 2607 psi @ 5466'

WLT S-11 @ 5493.5', 250 cc., open 1 hr.

Recorder HK 1020 (12017N)	Recorder 13215 (7769N)
SIP 482 psi (dry) @ 5501.5'	SIP 485 psi @ 5501.5'
HP 2619 psi @ 5501.5'	HP 2629 psi @ 5501.5'

WLT S-12 @ 5515', 250 cc., open 2 hrs., 7 min.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 532 psi (dry) @ 5523'	SIP 533 psi @ 5523'
HP 2627 psi @ 5523'	HP 2635 psi @ 5523'

WLT S-13 @ 5525.5', 250 cc., open 1 hr., 30 min.

Recorder HK 1020 (12017N)	Recorder 13215 (7769N)
SIP 600 psi @ (dry) @ 5533.5'	SIP 608 psi @ 5533.5'
HP 2633 psi @ 5533.5'	HP 2643 psi @ 5533.5'

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ New 32-16 Date: 7-6-59 A. M.

Depth: 5594 Drilled: Ø Cored: Ø

Other Operations:

Ran Schlumberger Wire line tests S-14, S-15, S-15A, and S-16. Ran bit conditioned mud.

Preliminary Data Determinations:

WLT S-14 @ 5526', 250 cc., open 6 hr., 5 min.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 1056 psi (rising) @ 5544'	SIP 1064 psi @ 5544'
HP 2619 psi @ 5544'	HP 2629 psi @ 5544'

WLT S-15 Misrun 1st attempt gun misfired
2nd attempt gun block failed

WLT S-15A @ 5536', 250 cc., open 1 hr., 7 min.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 555 psi (dry) @ 5565'	SIP 553 psi @ 5565'
HP 2637 psi @ 5565'	HP 2642 psi @ 5565'

WLT S-16 @ 5557', 250 cc., open 2 hrs.

Recorder HK 1020 (12017N)	Recorder HK 13215 (7769N)
SIP 2024 psi (stab) @ 5565'	SIP 2033 psi @ 5565'
HP 2648 psi @ 5565'	HP 2652 psi @ 5565'

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Now G 2/6 Date: 7-7-59 A. M.

Depth: 5594' Drilled: -0- Cored: -0-

Other Operations:

Ran conventional DST H-17. Ran Gamma Ray log and tool joint locator. Ran DST H-18, tester would not go to bottom. Ran bit conditioned mud.

Preliminary Data Determinations:

DST H-17 5396 - 5407 (Effective interval 5402 - 5407) Open for initial shut in, 1 min. Initial shut in 4 hrs, open 1 hr., Final shut in 4 hr. 1 min. Dead until t = 30 min., faint blow to end of open period. Recovered 15' oil base mud.

Recorder	AK-1 115	AK-1 643	HK 1020	HK 13215
Element	2456 N	2454 N	12017 N	7769 N
Recorder Depth	5374'	5378'	5415'	5422'
IHP	2636 psi	2639 psi		
ISIP (rising	1738 psi	1729 psi	Stylus warped incorrectable	
IFP steeply)	11 psi	14 psi		
FFP	12 psi	15 psi		
FSIP (rising steeply)	1621 psi	1613 psi		
FHP	Not readable	—		

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ New 3216 Date: 7-8-59 A.M.

Depth: 5594 Drilled: Ø Cored: Ø

Other Operations:

Ran conventional DST H-18A

Preliminary Data Determinations:

DST H-18A 5419.5 - 5426.5 open for initial shut-in 45 sec.
Initial shut-in 4 hours, open 1 hour, Final shut-in 4 hours.
Immediate moderate blow continuing throughout flow period.
Gas to surface in 30 minutes. Lost recovery - backscuttle valve opened while pulling Rec. est. 241' gas and oil base mud cut oil.

Recorder	AK-1 115	AK-1 643	HK 1020	HK 13215
Element	2456 N	2454N	12017N	7769N
Recorder Depth	5302'	5406'	5434'	5441'
IHP	2641 psi	2640 psi	Stylus cork-	2674 psi
ISIP (nearly stab)	1764 psi	1753 psi	screwed -	1782 psi
IFP	32 psi	34 psi	Clock	52 psi
FP (t = 40 min.)	90 psi	89 psi	stopped.	93 psi
FFP	85 psi	86 psi		87 psi
FSIP (rising)	1733 psi	Clock stopped @ 2 hr. 40 min.		1748 psi
FHP	2573 psi	2579 psi		not readable

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Now S216

Date: 7-9-59 A.M.

Depth: 5594'

Drilled: Ø

Cored: Ø

Other Operations:

Ran Conventional DST H-19

Preliminary Data Determinations:

DST H-19 5427- 5463. Open for initial shut-in 1 minute, 30 seconds. Initial shut-in 4 hours, open 1 hour, final shut-in 4 hours, 48 minutes. Immediate moderate blow continuing throughout open period. Gas to surface in 3 minutes. Backscuttled 4.5 barrels formation oil and oil base mud. Estimated rise 611' (4.5 barrels).

Recorder	AK-1 115	AK-1 643	AK-1 349
Element	2456N	2454N	2455N
Recorder Depth	5414'	5467.5'	5471.5'
IHP	2584 psi	2612 psi	2617 psi
ISIP (stab.)	1860 "	1872 "	1887 "
IFP	65 "	83 "	86 "
FFP	255 "	265 "	270 "
FSIP (nearly stab.)	1850 "	1866 "	Clock stopped @ t = 39 min.
FHP	Not readable		

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Tow 32-16 **Date:** 7-10-59 A.M.

Depth: 5594' **Drilled:** ø **Cored:** ø

Other Operations:

Ran conventional test DST H-20. Could not set tool. Pulled, ran bit and conditioned mud. Ran DST H-20

Preliminary Data Determinations:

DST H-20 5461.5 - 5476.0'. Open for initial shut-in 3 minutes. Initial shut-in 5 hours, 2 minutes, open 1 hour, final shut-in 4 hours, 1 minute. Immediate very faint blow increasing to faint @ t = 7 min., increasing to weak @ t = 34 min., increasing to moderate @ t = 51 min., moderate to end of open period. Gas to surface 34 minutes. Lost 10' mud in annulus. Recovered 370' gas cut oil base mud.

Recorder	AK-1 115	AK-1 643	AK-1 349
Element	2456N	2454N	2455N
Recorder Depth	5448.5'	5480.5'	5484.5'
IHP	2595 psi	2618 psi	
ISIP	Failed	"	"
IFP	134 psi	147 "	Failed
FFP	148 "	158 "	
FSIP	1867 "	1870 "	
FHP	Not readable	2580 "	

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Haw 32-16 **Date:** 7-11-59 A.M.

Depth: 5594' **Drilled:** Ø **Cored:** Ø

Other Operations:

Ran conventional DST H-21

Preliminary Data Determinations:

DST H-21 5490 - 5498 Open for initial shut-in 30 seconds. Initial shut-in 4 hours, open 1 hour, final shut-in 4 hours. Dead until t = 13 minutes, very faint blow increasing to faint at end of open period. Recovered 10' oil base mud.

Recorder	AK-1 115	AK-1 643	AK-1 349
Element	2456N	2454N	2455N
Recorder Depth	5467'	5502.5'	5506.5'
IHP	2612 psi	2625 psi	2624 psi
ISIP (rising sli.)	1605 "	1606 "	1620 "
IFP	10 "	20 "	20 "
FFP	10 "	20 "	20 "
FSIP (rising sli.)	1561 "	1560 "	1574 "
FHP	2600 "	2602 "	2614 "

CA-20

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS RESULTS

Company SHELL OIL COMPANY | Formation PARADOX | File RP-3-1022
Well STATE ~~# 32-16~~ Now G-216 | Core Type DIAMOND CONV. | Date Report 7/2/59
Field ANETH | Drilling Fluid OIL BASE MUD | Analysts ENGLISH
County SAN JUAN | State UTAH | Elev. 4565 GR. | Location Sec16 40S 24E

Lithological Abbreviations

SAND-SD	DOLOMITE-DOL	ANHYDRITE-ANHY	SANDY-SDY	FINE-FN	CRYSTALLINE-XLN	BROWN-BRN	FRACTURED-FRAC	SLIGHTLY-SL/
SHALE-SH	CHERT-CH	CONGLOMERATE-CONG	SHALY-SHY	MEDIUM-MED	GRAIN-GRN	GRAY-GY	LAMINATION-LAM	VERY-V/
LIME-LM	GYPSUM-GYP	FOSSILIFEROUS-FOSS	LIMY-LMY	COARSE-CSE	GRANULAR-GRNL	VUGGY-VGY	STYLOLITIC-STY	WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS Max.	PERMEABILITY MILLIDARCYS 90°	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE OIL	RESIDUAL SATURATION PER CENT PORE TOTAL WATER	SAMPLE DESCRIPTION AND REMARKS
1	5407-09.4	1.7	0.8	10.2	25.1	43.8	
		20	5.6				
2	09.7-12.1	0.1	<0.1	4.6	10.8	48.8	
		0.5	0.3				
		0.4	0.2				
3	12.4-14.3	<0.1	*	3.7	4.3	69.7	
		0.1	0.1				
4	14.6-16.2	0.1	0.1	4.2	6.5	52.9	
		<0.1	<0.1				
5	16.5-18.4	1.0	0.9	13.0	34.2	17.9	
		53	27				
		8.7	8.5				
6	18.7-21.0	0.9	0.9	8.5	23.7	22.9	
		0.2	0.1				
7	21.0-23.2	<0.1	<0.1	4.7	11.9	56.4	
		0.1	<0.1				
8	23.5-25.7	113	1.8	8.9	31.0	51.6	Vertical Fracture
		1.9	0.5				
9	26.0-27.5	<0.1	<0.1	2.4	8.8	61.8	
		<0.1	<0.1				
10	27.8-29.2	0.4	<0.1	2.4	9.1	72.9	
		1.6	0.8				
11	29.5-31.4	8.0	6.3	18.0	55.1	14.1	
		14	13				
12	31.7-33.5	10	9.9	11.1	11.7	27.6	
		17.2	6.3				
13	33.8-35.2	0.1	0.1	16.2	25.9	23.5	
14	35.5-37.2	0.4	0.3	7.5	4.8	44.9	
		0.1	<0.1				
15	37.5-39.2	0.2	0.1	5.5	4.0	78.3	
		0.1	0.1				
16	39.5-41.3	<0.1	<0.1	3.2	5.6	63.9	Vertical Fracture
		68 ***	54 ***				
17	41.6-43.0	0.1	0.1	1.9	12.9	17.2	
		<0.1	<0.1				
18	43.3-45.5	3.5	0.2	8.3	15.6	28.4	
		2.3	*				
		40	4.9				
19	45.8-47.4	4.1	1.5	8.9	10.9	45.3	Vertical Fracture
		26	14				

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CA-20

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS RESULTS

Company	SHELL OIL COMPANY	Formation	PARADOX	File	RP-3-1022
Well	~~STATE # 32 - 16~~ Moab 8-16	Core Type	DIAMOND CONV.	Date Report	7/2/59
Field	ANETH	Drilling Fluid	OIL BASE MUD	Analysts	ENGLISH
County	SAN JUAN State UTAH	Elev. 4565 Gr,	Location Sec16 40S 24E		

Lithological Abbreviations

SAND-SD	DOLOMITE-DOL	ANHYDRITE-ANHY	SANDY-SDY	FINE-FN	CRYSTALLINE-XLN	BROWN-BRN	FRACTURED-FRAC	SLIGHTLY-SL/
SHALE-SH	CHERT-CH	CONGLOMERATE-CONG	SHALY-SHY	MEDIUM-MED	GRAIN-GRN	GRAY-GY	LAMINATION-LAM	VERY-V/
LIME-LM	GYPSUM-GYP	FOSSILIFEROUS-FOSS	LIMY-LMY	COARSE-CSE	GRANULAR-GRNL	VUGGY-VGY	STYLOLITIC-STY	WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS Max.	90°	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE OIL	TOTAL WATER	SAMPLE DESCRIPTION AND REMARKS
20	5447.7-49.5	2.8 *	0.5 *	7.2	5.3	31.6	
21	49.8-51.7	0.34 ** 0.2	0.1	8.2	4.8	50.3	Vertical Fracture
22	52.0-53.2	13	<0.1	7.4	2.7	93.6	

* Broken Sample
** Matrix Permeability
*** Measured Through Fracture

SERVICE # 8 NO INTERPRETATION OF RESULTS

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CA-20

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS RESULTS

Company SHELL OIL COMPANY | Formation PARADOX | File RP-3-1022
Well ~~STATE # 32 - 16~~ New Well | Core Type DIAMOND | Date Report 7/3/59
Field ANETH | Drilling Fluid OIL BASE MUD | Analysts ENGLISH
County SAN JUAN State UTAH | Elev. 4565 GR. Location Sec16 40S 24E

Lithological Abbreviations

SAND-SD	DOLOMITE-DOL	ANHYDRITE-ANHY	SANDY-SDY	FINE-FN	CRYSTALLINE-XLN	BROWN-BRN	FRACTURED-FRAC	SLIGHTLY-SL/
SHALE-SH	CHERT-CH	CONGLOMERATE-CONG	SHALY-SHY	MEDIUM-MED	GRAIN-GRN	GRAY-GY	LAMINATION-LAM	VERY-V/
LIME-LM	GYPSUM-GYP	FOSSILIFEROUS-FOSS	LIMY-LMY	COARSE-CSE	GRANULAR-GRNL	VUGGY-VGY	STYLOLITIC-STY	WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS Max.	90°	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE OIL	TOTAL WATER	SAMPLE DESCRIPTION AND REMARKS
23	5454.0-56.5	77	71	3.0	10.3	49.3	Vertical Fracture
		<0.1	<0.1				
		1.9	1.9				
24	56.8-58.2	0.6	0.3	2.5	8.3	55.6	Vertical Fracture
		14	<0.1				
25	58.5-60.4	<0.1	<0.1	1.5	15.0	17.7	
		12	4.7				
26	60.7-62.5	0.2	<0.1	1.9	12.5	40.6	
		<0.1	<0.1				
27	62.8-64.3	1.3	0.5	9.9	10.9	42.3	
		1.6	1.5				
28	64.6-66.5	6.6	0.4	12.5	22.1	35.2	
		2.8	2.5				
29	66.8-68.2	2.2	0.7	12.7	19.2	36.8	
		1.3	0.1				
30	68.5-70.3	1.1	1.1	6.8	14.3	46.7	
		3.7	0.5				
31	70.6-72.3	0.2	<0.1	0.7	22.8	31.3	
		<0.1	<0.1				
32	72.6-74.3	0.1	0.1	1.4	14.4	38.1	
		1.8	0.7				
33	74.6-76.3	<0.1	<0.1	1.7	17.3	38.1	
		0.2	0.1				
34	76.6-78.2	0.3	0.1	1.6	19.0	49.6	
		0.2	0.1				
35	78.5-80.3	<0.1	<0.1	1.1	39.6	35.1	
		2.9	1.4				
36	80.6-82.2	<0.1	<0.1	1.5	23.0	38.6	
		0.1	<0.1				
37	82.5-84.2	<0.1	<0.1	1.4	17.5	37.1	
		1.1	0.1				
38	84.5-85.4	<0.1	<0.1	3.1	16.3	35.3	
		<0.1	<0.1				
39	85.7-87.4	<0.1	<0.1	2.5	7.2	48.6	
		<0.1	<0.1				
40	87.7-89.4	0.8	0.6	7.7	11.1	50.9	
		0.1	<0.1				
41	89.7-91.4	3.9	<0.1	4.4	7.9	44.7	Vertical Fracture
		15	<0.1				
42	91.7-93.3	0.1	0.1	3.8	7.1	49.9	
		4.9	2.3				

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CA-20

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS RESULTS

Company SHELL OIL COMPANY | Formation PARADOX | File RP-3-1022
Well ~~STATE # 32-16~~ Nw SE 16 | Core Type DIAMOND CONV. | Date Report 7/3/59
Field ANETH | Drilling Fluid OIL BASE MUD | Analysts ENGLISH
County SAN JUAN State UTAH Elev. 4565 GR. Location Sec16 40S 24E

Lithological Abbreviations

SAND-SD	DOLOMITE-DO	ANHYDRITE-ANHY	SANDY-SDY	FINE-FN	CRYSTALLINE-XLN	BROWN-BRN	FRACTURED-FRAC	SLIGHTLY-SL/
SHALE-SH	CHERT-CH	CONGLOMERATE-CONG	SHALY-SHY	MEDIUM-MED	GRAIN-GRN	GRAY-GY	LAMINATION-LAM	VERY-V/
LIME-LM	GYPSUM-GYP	FOSSILIFEROUS-FOSS	LIMY-LMY	COARSE-CSE	GRANULAR-GRNL	VUGGY-VGY	STYLOLITIC-STY	WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS Max.	90°	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE OIL	TOTAL WATER	SAMPLE DESCRIPTION AND REMARKS
43	5493.6-95.5	0.1	<0.1	5.1	6.6	40.4	
		1.3	1.2				
44	95.8-97.2	5.7	4.6	8.0	8.7	26.5	
		5.5	3.0				
45	97.5-99.4	3.2	1.2	8.8	12.3	28.2	
		14	5.0				
		7.0	3.4				
46	99.7-01.3	9.9	5.2	9.4	12.4	25.6	
		3.0	2.3				
		1.1	0.5				
47	5501.6-03.2	1.9	1.4	11.8	16.4	36.9	
		4.5	3.8				
48							

SERVICE # 8 NO INTERPRETATION OF RESULTS

ADD SEVEN FEET TO ALL DEPTHS

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CA-2

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS RESULTS

Company	SHELL OIL COMPANY	Formation	PARADOX	File	RP-3-1022
Well	~~STATE # 32-16~~ Now 32-16	Core Type	DIAMOND CONV.	Date Report	7/4/59
Field	ANETH	Drilling Fluid	OIL BASE MUD	Analysts	ENGLISH
County	SAN JUAN State UTAH	Elev. ~~XXXXXXX~~ 4565 Gr.	Location Sec16 40S 24E		

Lithological Abbreviations

SAND-SD	DOLOMITE-DOL	ANHYDRITE-ANHY	SANDY-SDY	FINE-FN	CRYSTALLINE-XLN	BROWN-BRN	FRACTURED-FRAC	SLIGHTLY-SL/
SHALE-SH	CHERT-CH	CONGLOMERATE-CONG	SHALY-SHY	MEDIUM-MED	GRAIN-GRN	GRAY-GY	LAMINATION-LAM	VERY-V/
LIME-LM	GYPSUM-GYP	FOSSILIFEROUS-FOSS	LIMY-LMY	COARSE-CSE	GRANULAR-GRNL	VUGGY-VGY	STYLOLITIC-STY	WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS Max.	90°	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE OIL	TOTAL WATER	SAMPLE DESCRIPTION AND REMARKS
48	5503.8-05.4	3.7	1.8	13.1	18.7	63.7	Vertical Fracture
49		0.3	0.2				
49	05.7-07.3	2.9	1.0	6.9	21.5	63.6	Vertical Fracture
		2.9	0.5				
50	07.6-09.2	31	<0.1	5.5	20.2	68.1	Vertical Fracture
		*	*				
51	09.5-11.1	0.3	0.3	6.4	11.7	73.6	
		0.3	0.3				
52	11.4-13.5	7.1	0.3	3.2	10.9	68.7	
		0.4	0.3				
53	13.8-15.3	0.4	0.1	3.3	8.9	74.9	
		0.4	0.1				
54	15.6-17.4	0.2	0.1	5.7	13.6	69.1	
		0.2	0.3				
55	17.7-19.5	0.2	0.1	4.7	10.0	69.4	
		0.5	0.3				
56	19.8-21.4	1.1	0.6	5.2	12.1	61.3	Vertical Fracture
		31	3.7				
57	21.7-23.2	0.2	0.2	4.5	6.7	77.3	
		0.5	0.2				
58	23.5-25.3	0.5	0.4	3.9	7.7	66.4	
		2.5	1.0				
59	25.6-27.3	0.5	0.3	1.7	15.8	57.6	
		0.7	0.5				
60	27.6-29.2	<0.1	<0.1	3.3	8.2	73.7	
		0.5	0.2				
61	29.5-31.2	<0.1	<0.1	5.4	3.5	83.2	
		0.4	<0.1				
62	31.5-33.2	<0.1	<0.1	4.5	5.8	76.6	
		<0.1	<0.1				
63	33.5-35.4	<0.1	<0.1	2.0	16.4	62.9	
		0.5	0.3				
64	35.7-37.3	0.2	0.1	1.4	14.2	61.6	
		0.1	<0.1				
65	37.6-39.3	2.0	1.7	1.9	12.4	74.6	
		1.7	0.2				
66	39.6-41.4	*	*	3.9	8.1	72.8	
		0.2	0.1				
67	41.7-43.6	17.6	3.4	7.7	5.2	65.8	
		0.3	0.3				

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CA 30

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS RESULTS

Company	SHELL OIL COMPANY		Formation	PARADOX		File	RP-3-1022
Well	~~STATE # 32 - 16~~ Navajo 32-16		Core Type	DIAMOND CONV.		Date Report	7/4/59
Field	ANETH		Drilling Fluid	OIL BASE MUD		Analysts	ENGLISH
County	SAN JUAN	State UTAH	Elev. 4565 Gr.	Location	Sec16 40S 24E		

Lithological Abbreviations

SAND-SD	DOLOMITE-DOL	ANHYDRITE-ANHY	SANDY-SDY	FINE-FN	CRYSTALLINE-XLN	BROWN-BRN	FRACTURED-FRAC	SLIGHTLY-SL/
SHALE-SH	CHERT-CH	CONGLOMERATE-CONG	SHALY-SHY	MEDIUM-MED	GRAIN-GRN	GRAY-GY	LAMINATION-LAM	VERY-V/
LIME-LM	GYPSUM-GYP	FOSSILIFEROUS-FOSS	LIMY-LMY	COARSE-CSE	GRANULAR-GRNL	VUGGY-VGY	STYLOLITIC-STY	WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS Max.	90°	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE OIL	TOTAL WATER	SAMPLE DESCRIPTION AND REMARKS
68	5543.9-45.3	0.3	0.1	6.5	4.9	88.5	
		<0.1	<0.1				
69	45.6-47.6	0.6	0.4	5.9	3.1	93.4	
		0.1	0.1				
70	47.6-49.0	4.6	3.9	13.7	16.4	62.5	
		7.8	6.4				
71	49.3-51.4	28	13.5	12.9	18.8	28.8	Vertical Fracture
		8.9	6.2				
72	52.3-54.0	2.9	2.8	11.5	11.3	59.6	
		6.2	5.8				
73	54.0-56.0	3.3	0.8	11.9	16.8	72.2	
		4.8	3.5				
74	56.0-58.5	1.5	1.3	9.4	3.5	71.3	
		0.3	0.3				
75	58.8-61.3	0.3	0.2	6.0	3.5	77.9	
		2.4	2.4				
76	61.3-63.2	0.7	0.1	3.7	6.7	68.0	
		0.1	0.1				
77	63.5-65.2	0.1	<0.1	5.0	7.6	81.8	
		<0.1	<0.1				
78	65.5-67.7	<0.1	<0.1	4.3	15.3	83.4	

* BROKEN SAMPLE

SERVICE # 8 NO INTERPRETATION OF RESULTS

ADD SEVEN FEET TO EACH DEPTH .

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Comm. Ex 17-2

CAUSE 17
Commission Exhibit Number ____

Shell ~~State III 32 - 16~~ (Test Well)
Now 2-216

Contents:

Results of Pressure Tests Numbered:

S - 1
S - 2
S - 3
S - 4
S - 5
S - 6
S - 7
S - 14
S - 16
H - 17
H - 18a
H - 19
H - 20
H - 20a
H - 21
H - 22
H - 23

Logs:

Schlumberger Gamma-Ray Neutron Log
Schlumberger Induction-Electrical Log
Schlumberger-Gamma Ray Log
Schlumberger-Gamma Ray Log
Schlumberger-Caliper Log

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well STATE THREE 32-16
Now S 3-16

Type Tester SCHLUMBERGER WL **Number of Test** S-1
Interval Tested _____ **To** _____ **Date of Test** 7-3-59
Point Tested 5413.5

Time in Hole 7:25 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 8:04 AM/PM **Time Open Period Finished** 10:08 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 10:30 AM/PM

Length of Open Period From Above 124 **Length of Open Period From Pressure Chart** 121

Sample (Air) Chamber Volume 250cc **Recovery** —

Recorder No. HK 13215 **Element No.** 7769N **Range** 3800

Clock No. 3674 **Range** 3 HR.

Open Period:

Depth of Recorder 5421.5 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0053	10	70	.8904	1708	
1	.3357	644	80	.9146	1755	
5	.3532	678	90	.9270	1779	
10	.3875	743	100	.9353	1795	
20	.4780	916	110	.9407	1805	
30	.5848	1120	115	.9430	1810	
40	.6960	1335	120	.9438	1811	
50	.7884	1512	124	.9455	1815	
60	.8531	1637				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5421.5	–	NOT READABLE				

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE~~ THREE 32-16

Nav 29-216

Type Tester SCHLUMBERGER WL **Number of Test** S-1
Interval Tested _____ **To** _____ **Date of Test** 7-3-59
Point Tested 5413.5

Time in Hole 7:25 ~~AM~~/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 8:04 AM/PM **Time Open Period Finished** 10:08 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 10:30 AM/PM

Length of Open Period From Above 124 **Length of Open Period From Pressure Chart** 122

Sample (Air) Chamber Volume 250cc **Recovery** _____

Recorder No. HK 1020 **Element No.** 12017N **Range** 2900

Clock No. 3877 **Range** 3 HR

Open Period:

Depth of Recorder 5421.5 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0023	3	60	1.1244	1629	
1	.4379	632	70	1.1738	1700	
5	.4663	674	80	1.2033	1743	
10	.5126	741	90	1.2212	1769	
20	.6344	916	100	1.2322	1786	
30	.8797	1273	110	1.2394	1796	
40	.9230	1336	115	1.2426	1801	
50	1.0412	1509	120	1.2449	1804	
			124	1.2468	1807	

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5421.5		1.7710	2574			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE THREE 32-16~~
Now DG 216

Type Tester SCHLUMBERGER WL **Number of Test** S-2
Interval Tested _____ **To** _____ **Date of Test** 7-3-59
Point Tested 5423

Time in Hole 11:05 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 11:34.5 AM/PM **Time Open Period Finished** 12:36.5 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 1:15 AM/PM

Length of Open Period From Above 62 MIN **Length of Open Period From Pressure Chart** 62

Sample (Air) Chamber Volume 250cc **Recovery** _____

Recorder No. HK 1020 **Element No.** 12017N **Range** 2900

Clock No. 3877 **Range** 3HR

Open Period:

Depth of Recorder 5431 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0039	6	60	1.2271	1778	
1	NOT READABLE	—	62	1.2272	1778	
5	1.2230	1772				
10	1.2262	1777				
20	1.2268	1778				
30	1.2272	1778				
40	1.2271	1778				
50	1.2270	1778				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5431		1.7770	2582			
5131		1.6835	2445			
5231		1.7154	2492			
5331		1.7479	2540			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE AT 32-16~~
Now S 216

Type Tester SCHLUMBERGER WL **Number of Test** S-2
Interval Tested _____ **To** _____ **Date of Test** 7-3-59
Point Tested 5423

Time in Hole 11:05 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 11:34.5 AM/PM **Time Open Period Finished** 12:36 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 1:15 AM/PM

Length of Open Period From Above 62 MIN **Length of Open Period From Pressure Chart** 61

Sample (Air) Chamber Volume 250cc **Recovery** _____

Recorder No. HK 13215 **Element No.** 7769N **Range** 3800

Clock No. 3674 **Range** 3HR

Open Period:

Depth of Recorder 5431 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0068	13	60	.9327	1789	
1	NOT READABLE	—	62	.9327	1789	
5	.9295	1784				
10	.9319	1788				
20	.9322	1789				
30	.9326	1789				
40	.9327	1789				
50	.9328	1790				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5431		1.3510	2593			
5131		1.2791	2454			
5231		1.3032	2500			
5331		1.3281	2548			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH Field

Well ~~STATE III~~ 32-16
Now E-16

Type Tester SCHLUMBERGER WL Number of Test S-3
Interval Tested _____ To _____ Date of Test 7-4-59
Point Tested 5436.5

Time in Hole 1:50 AM/PM Time on Bottom _____ AM/PM
Time Open Period Began 2:14 AM/PM Time Open Period Finished 3:16 AM/PM
Time Off Bottom _____ AM/PM Time Out of Hole 3:40 AM/PM

Length of Open Period From Above 62 Length of Open Period From Pressure Chart 61

Sample (Air) Chamber Volume 250 cc Recovery _____

Recorder No. HK 13215 Element No. 7769N Range 3800 psi

Clock No. 3674 Range 3 HR

Open Period:

Depth of Recorder 5444.5 (Inside/Outside)

Time	Deflect In.	Pressure PSIG				
0	.0061	12				
10	.9797	1880				
20	.9818	1884				
30	.9821	1885				
40	.9819	1885				
50	9821	1885				
60	9821	1885				
62	9820	1885				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
		1.3541	2599			
5444.5						

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE THREE 32-16~~
Navajo I 216

Type Tester SCHLUMBERGER WL **Number of Test** S-3
Interval Tested _____ **To** _____ **Date of Test** 7-4-59
Point Tested 5436.5

Time in Hole 1:50 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 2:14 AM/PM **Time Open Period Finished** 3:16 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 3:40 AM/PM

Length of Open Period From Above 62 **Length of Open Period From Pressure Chart** 62

Sample (Air) Chamber Volume 250 cc **Recovery** _____

Recorder No. HK 1020 **Element No.** 12017N **Range** 2900

Clock No. 3877 **Range** 3HR

Open Period:

Depth of Recorder 5444.5 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0073	10				
10	1.2927	1874				
20	1.2946	1877				
30	1.2949	1877				
40	1.2956	1878				
50	1.2953	1878				
60	1.2959	1878				
62	1.2956	1878				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5444.5		1.7835	2592			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE ITL 32-16~~
Now. I-216

Type Tester SCHLUMBERGER **Number of Test** S-4
Interval Tested _____ **To** _____ **Date of Test** 7-4-59
Point Tested 5450

Time in Hole 4:10 **AM/PM** **Time on Bottom** _____ **AM/PM**
Time Open Period Began 4:30 **AM/PM** **Time Open Period Finished** 6:00 **AM/PM**
Time Off Bottom _____ **AM/PM** **Time Out of Hole** 6:30 **AM/PM**

Length of Open Period From Above 90 **Length of Open Period From Pressure Chart** 88

Sample (Air) Chamber Volume 250 **Recovery** _____

Recorder No. HK 13215 **Element No.** 7769N **Range** 3800

Clock No. 3674 **Range** 3HR

Open Period:

Depth of Recorder 5458 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0056	11	60	.9760	1873	
1	.3050	588	70	.9782	1877	
5	.4018	771	75	.9784	1878	
10	.5512	1056	80	.9787	1878	
20	.8409	1613	85	.9787	1878	
30	.9496	1823	90	.9787	1878	
40	.9706	1863				
50	.9755	1872				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5458		1.3546	2600			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH Field

Well ~~STATE III 32-16~~
Navajo 32-16

Type Tester SCHLUMBERGER WL Number of Test S-4
Interval Tested _____ To _____ Date of Test 7-4-59
Point Tested 5450

Time in Hole 4:10 AM/PM Time on Bottom _____ AM/PM
Time Open Period Began 4:30 AM/PM Time Open Period Finished 6:00 AM/PM
Time Off Bottom _____ AM/PM Time Out of Hole 6:30 AM/PM

Length of Open Period From Above 90 Length of Open Period From Pressure Chart 89

Sample (Air) Chamber Volume 250 Recovery _____

Recorder No. HK1020 Element No. 12017N Range 2900

Clock No. 3877 Range 3HR

Open Period:

Depth of Recorder 5458 (Inside/Outside)

Time	Deflect In.	Pressure PSIG				
0	.0067	10	60	1.2889	1868	
1	.3990	576	70	1.2903	1870	
5	.5178	748	75	1.2906	1871	
10	.7201	1041	80	1.2910	1872	
20	1.1027	1597	85	1.2912	1872	
30	1.2512	1813	90	1.2912	1872	
40	1.2806	1856				
50	1.2866	1865				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5458		1.7850	2594			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE TTL 32-16~~
Now G 216

Type Tester SCHLUMBERGER WL **Number of Test** S-5
Interval Tested _____ **To** _____ **Date of Test** 7-4-59
Point Tested 5471

Time in Hole 6:45 **AM/PM** **Time on Bottom** _____ **AM/PM**
Time Open Period Began 7:09.5 **AM/PM** **Time Open Period Finished** 9:32.5 **AM/PM**
Time Off Bottom _____ **AM/PM** **Time Out of Hole** 9:55 **AM/PM**

Length of Open Period From Above 143 **Length of Open Period From Pressure Chart** 141

Sample (Air) Chamber Volume 250 cc **Recovery** _____

Recorder No. HK 1020 **Element No.** 12017N **Range** 2900

Clock No. 3877 **Range** 3 HR

Open Period:

Depth of Recorder 5479 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0079	11	60	1.2782	1853	
1	.3997	577	80	1.3048	1892	
5	.4662	673	100	1.3142	1905	
10	.5522	798	120	1.3178	1911	
20	.7697	1113	130	1.3182	1911	
30	.9989	1447	135	1.3184	1912	
40	1.1631	1685	140	1.3190	1912	
50	1.2409	1798	143	1.3195	1913	

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5479	N.R	—				

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE III 32-16~~
Now D 216

Type Tester SCHLUMBERGER WL **Number of Test** 5-5
Interval Tested _____ **To** _____ **Date of Test** 7-4-59
Point Tested 5471

Time in Hole 6:45 **AM/PM** **Time on Bottom** _____ **AM/PM**
Time Open Period Began 7:09.5 **AM/PM** **Time Open Period Finished** 9:32.5 **AM/PM**
Time Off Bottom _____ **AM/PM** **Time Out of Hole** 9:55 **AM/PM**

Length of Open Period From Above 143 **Length of Open Period From Pressure Chart** 141

Sample (Air) Chamber Volume 250cc **Recovery** _____

Recorder No. HK 13215 **Element No.** 7769N **Range** 3800

Clock No. 3674 **Range** 3HR

Open Period:

Depth of Recorder 5479 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0057	11	60	.9668	1856	
1	.3050	586	80	.9872	1895	
5	.3422	657	100	.9941	1908	
10	.4054	777	120	.9961	1912	
20	.5752	1102	130	.9963	1912	
30	.7507	1440	135	.9967	1913	
40	.8757	1680	140	.9969	1913	
50	.9384	1801	143	.9970	1914	

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5479		1.3567	2604			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE THREE 32-16~~
Navajo 32-16

Type Tester SCHLUMBERGER WL **Number of Test** 5-16
Interval Tested _____ **To** _____ **Date of Test** 7-4-59
Point Tested 5557

Time in Hole 9:30 **AM/PM** **Time on Bottom** _____ **AM/PM**
Time Open Period Began 9:53 **AM/PM** **Time Open Period Finished** 11:53 **AM/PM**
Time Off Bottom _____ **AM/PM** **Time Out of Hole** 12:30 **AM/PM**

Length of Open Period From Above 120 **Length of Open Period From Pressure Chart** 115

Sample (Air) Chamber Volume 250 cc **Recovery** _____

Recorder No. HK 13215 **Element No.** 7769 N **Range** 3800

Clock No. ? **Range** 12HR

Open Period:

Depth of Recorder 5565 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0045	9	110	1.0591	2033	
5	.9068	1740	120	1.0591	2033	
10	1.0248	1967				
20	1.0571	2029				
40	1.0592	2033				
60	1.0593	2033				
80	1.0592	2033				
100	1.0592	2033				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5565		1.3827	2654			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE THREE 32-16~~
Now G216

Type Tester SCHLUMBERGER WL **Number of Test** S-16
Interval Tested _____ **To** _____ **Date of Test** 7-4-59
Point Tested 5557

Time in Hole 9:30 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 9:53 AM/PM **Time Open Period Finished** 11:53 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 12:30 AM/PM

Length of Open Period From Above 120 **Length of Open Period From Pressure Chart** 118

Sample (Air) Charber Volume 250 cc **Recovery** _____

Recorder No. HK 1020 **Element No.** 12017N **Range** 2900

Clock No. ? **Range** 12HR

Open Period:

Depth of Recorder 5565 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
			100	1.3962	2025	
0	.0067	10	110	1.3962	2025	
5	.7602	1099	120	1.3960	2025	
10	1.1844	1716				
20	1.3857	2010				
40	1.3958	2025				
60	1.3962	2025				
80	1.3962	2025				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5565		1.8212	2647			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE THREE 32-16~~
Now 92K

Type Tester SCHLUMBERGER WL **Number of Test** S-6
Interval Tested _____ **To** _____ **Date of Test** 7-4-59
Point Tested 5503

Time in Hole 10:15 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 10:59 AM/PM **Time Open Period Finished** 12:09 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 12:35 AM/PM

Length of Open Period From Above 70 **Length of Open Period From Pressure Chart** 69

Sample (Air) Chamber Volume 250 cc **Recovery** _____

Recorder No. HK13215 **Element No.** 7769N **Range** 3800

Clock No. 3674 **Range** 3 HR.

Open Period:

Depth of Recorder 5511 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0083	16	60	.8277	1588	
1	.3780	725	70	.8277	1588	
5	.7718	1480				
10	.8215	1575				
20	.8269	1587				
30	.8276	1588				
40	.8276	1588				
50	.8276	1588				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5511		1.3690	2628			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE THREE 32-16~~
Navajo 32-16

Type Tester SCHLUMBERGER WL **Number of Test** 5-6
Interval Tested _____ **To** _____ **Date of Test** 7-9-59
Point Tested 5503

Time in Hole 10:15 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 10:59 AM/PM **Time Open Period Finished** 12:09 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 12:35 AM/PM

Length of Open Period From Above 70 **Length of Open Period From Pressure Chart** 69

Sample (Air) Chamber Volume 250 cc **Recovery** _____

Recorder No. HK 1020 **Element No.** 12017N **Range** 2900

Clock No. 3877 **Range** 3HR

Open Period:

Depth of Recorder 5511 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0031	4	60	1.0900	1579	
1	.5234	756	70	1.0900	1579	
5	1.0293	1492				
10	1.0821	1568				
20	1.0888	1577				
30	1.0900	1579				
40	1.0899	1579				
50	1.0900	1579				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5511		1.8010	2618			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE III 32-16~~
Now G 216

Type Tester SCHLUMBERGER WL **Number of Test** 5-7
Interval Tested _____ **To** _____ **Date of Test** 7-9-59
Point Tested 5509.5

Time in Hole 1:05 ~~AM~~/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 1:49 ~~AM~~/PM **Time Open Period Finished** 3:52 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 4:20 AM/PM

Length of Open Period From Above 123 **Length of Open Period From Pressure Chart** 116

Sample (Air) Chamber Volume 250 cc **Recovery** _____

Recorder No. HK 1020 **Element No.** 12017N **Range** 2900

Clock No. 3877 **Range** 3 HR

Open Period:

Depth of Recorder 5517.5 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0058	8	60	.9319	1349	
1	.3656	528	80	1.0251	1485	
5	.3948	570	100	1.0664	1545	
10	.4397	635	110	1.0772	1561	
20	.5408	781	115	1.0812	1566	
30	.6469	935	120	1.0840	1571	
40	.7548	1079	123	1.0858	1573	
50	.8533	1234				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5517.5	N.R.					

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE III~~ 32-16
Now D-316

Type Tester SCHLUMBERGER WL **Number of Test** S-7
Interval Tested _____ **To** _____ **Date of Test** 7-4-59
Point Tested 5509.5

Time in Hole 1:05 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 1:49 AM/PM **Time Open Period Finished** 3:52 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 4:20 AM/PM

Length of Open Period From Above 123 **Length of Open Period From Pressure Chart** 115

Sample (Air) Chamber Volume 250 cc **Recovery** _____

Recorder No. HK 13215 **Element No.** 7769N **Range** 3800

Clock No. 3674 **Range** 3HR

Open Period:

Depth of Recorder 5517.5 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG				
0	.0057	11	60	.7059	1354	
1	.2724	524	80	.7760	1488	
5	.2968	570	100	.8084	1551	
10	.3305	634	110	.8170	1568	
20	.4057	778	115	.8198	1573	
30	.4891	936	120	.8222	1578	
40	.5716	1095	123	.8234	1580	
50	.6461	1239				

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5517.5	N.R.					

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE III 32-16~~
Now DS 316

Type Tester SCHLUMBERGER WL **Number of Test** S-14
Interval Tested _____ **To** _____ **Date of Test** 7-5-59
Point Tested 5526

Time in Hole 9:00 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 9:25 AM/PM **Time Open Period Finished** 3:30 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 4:00 AM/PM

Length of Open Period From Above 365 **Length of Open Period From Pressure Chart** 359

Sample (Air) Chamber Volume 250cc **Recovery** _____

Recorder No. HK 1020 **Element No.** 12017N **Range** 2900

Clock No. 3074 **Range** 12 HR

Open Period:

Depth of Recorder 5544 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG						
0	.0078	11	140	.5704	830	300	.6895	996
10	.4602	665	160	.5864	847	320	.7023	1015
20	.4675	675	180	.6022	870	340	.7144	1033
40	.4855	701	200	.6183	893	360	.7274	1052
60	.5036	728	220	.6336	915	365	.7299	1055
80	.5209	766	240	.6486	937			
100	.5379	777	260	.6624	957			
120	.5548	801	280	.6764	977			

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5544		1.8017	2619			

Remarks:

Bottom Hole Pressure Data Sheet

ANETH **Field**

Well ~~STATE III. 32-16~~
Now 32-16

Type Tester SCHLUMBERGER WL **Number of Test** S-14
Interval Tested _____ **To** _____ **Date of Test** 7-5-59
Point Tested 5526

Time in Hole 9:00 AM/PM **Time on Bottom** _____ AM/PM
Time Open Period Began 9:25 AM/PM **Time Open Period Finished** 3:30 AM/PM
Time Off Bottom _____ AM/PM **Time Out of Hole** 4:00 AM/PM

Length of Open Period From Above 365 **Length of Open Period From Pressure Chart** 354

Sample (Air) Chamber Volume 250 cc **Recovery** _____

Recorder No. HK 13215 **Element No.** 7769N **Range** 3800

Clock No. 2145 **Range** 12HR

Open Period:

Depth of Recorder 5544 **(Inside/Outside)**

Time	Deflect In.	Pressure PSIG						
0	.0096	19	140	.4351	834	300	.5239	1004
10	.3522	676	160	.4459	855	320	.5336	1022
20	.3598	690	180	.4580	879	340	.5431	1041
40	.3719	714	200	.4700	901	360	.5523	1058
60	.3850	739	220	.4826	925	365	.5545	1062
80	.3968	761	240	.4932	945			
100	.4100	786	260	.5030	964			
120	.4210	807	280	.5145	986			

Hydrostatic Gradient Stops:

Recorder Depth Feet	Time	Defl. In.	Pressure PSIG	ΔP PSI	ΔD Feet	ΔP/ΔD PSI/Feet
5544		1.3701	2630			

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE III 32-16~~ NOW 32-16

Type Tester HALLIBURTON Number of Test H-17

Interval Tested 5396 To 5407 Date of Test 7-6-59

Main (Hydraulic) Valve opened 1:15 ~~AM~~/PM Shut-in Pressure Valve Closed After 60 seconds

Trip (Top) Valve opened 5:15 ~~AM~~/PM Tool Shut in 6:15 ~~AM~~/PM

Packers Pulled 10:16 ~~AM~~/PM GTS _____ Minutes

Blow DEAD UNTIL t = 20 MIN, FAINT BLOW TO END OF OPEN PERIOD

Recovery 15' OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	240	225
Length of Flow Period	60	60
Length of Final Shut-in	241	225

Recorder No. AK-1 115 Element No. 24-56 N Range _____

Clock No. _____ Range _____

Depth of Recorder 5374 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	0.0117	10	140	1.9910	1607	
5	0.0364	30	160	1.9895	1648	
10	0.0616	50	170	2.0140	1669	
20	0.1020	84	180	2.0320	1684	
30	0.2000	164	190	2.0460	1696	
40	0.3750	307	200	2.0600	1708	
60	1.0930	898	210	2.0710	1717	
80	1.5686	1299	220	2.0800	1725	
100	1.7340	1433	230	2.0885	1732	
120	1.8614	1540	240	2.0950	1738	

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	0.0153	13	50	0.0167	14	
5	0.0153	13	60	0.0168	14	
10	0.0153	13				
20	0.0160	13				
30	0.0161	13				
40	0.0165	14				

Field ANETH

Well ~~STATE DE 32-16~~ Now 9316

Test No. H-17 Recorder No. HR-1 115

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	0.0168	14	230	1.9356	1603	
5	0.0590	48	240	1.9576	1621	
10	0.0870	71				
20	0.1517	124				
30	0.2287	187				
40	0.3485	285				
60	0.5818	476				
80	0.9080	580				
100	1.2086	994				
120	1.4220	1171				
140	1.5964	1317				
160	1.7160	1418				
170	1.7602	1455				
180	1.7992	1488				
190	1.8352	1518				
200	1.8685	1546				
210	1.8930	1569				
220	1.9141	1584				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial			3.1414	2637		
Final	NOT	READABLE				

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE TR 32-16~~ Now 2216

Type Tester HALLIBURTON Number of Test H-17
Interval Tested 5396 To 5407 Date of Test 7-6-57

Main (Hydraulic) Valve opened 1:15 ~~AM~~/PM Shut-in Pressure Valve Closed After 60 seconds
Trip (Top) Valve opened 5:15 ~~AM~~/PM Tool Shut in 6:15 ~~AM~~/PM
Packers Pulled 10:16 ~~AM~~/PM GTS _____ Minutes
Blow DEAD UNTIL t = 30 MIN, FAINT BLOW TO END OF OPEN PERIOD
Recovery 15' OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	240	240
Length of Flow Period	60	60
Length of Final Shut-in	241	240

Recorder No. AK-1 643 Element No. 2454 N Range _____
Clock No. _____ Range _____
Depth of Recorder 5378 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	0.0159	13	140	1.8990	1604	
5	0.0263	22	160	1.9466	1642	
10	0.0487	41	170	1.9700	1664	
20	0.1610	134	180	1.9845	1676	
30	0.4205	352	190	1.9995	1689	
40	0.7610	637	200	2.0147	1702	
60	1.2470	1049	210	2.0250	1711	
80	1.5625	1316	220	2.0350	1720	
100	1.7330	1462	230	2.0450	1728	
120	1.8370	1550	240	2.0500	1732	

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	0.0194	16	50	0.0206	17	
5	0.0194	16	60	0.0206	17	
10	0.0190	16				
20	0.0195	16				
30	0.0208	17				
40	0.0200	17				

Field ANETH

Well ~~STATE III 32-16~~ New. Le 216

Test No. H-17 Recorder No. AK-1 643

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	0.0206	17	230	1.9020	1606	
5	0.0605	50	240	1.9154	1616	
10	0.0900	75				
20	0.1560	130				
30	0.2294	192				
40	0.3233	271				
60	0.5567	467				
80	0.8563	719				
100	1.1260	946				
120	1.3590	1143				
140	1.5447	1302				
160	1.6664	1405				
170	1.7185	1450				
180	1.7600	1485				
190	1.7916	1512				
200	1.8297	1544				
210	1.8550	1566				
220	1.8800	1587				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial			3.0863	2642		
Final	NOT	READABLE				

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE III 32-16~~ Now S 216

Type Tester HALLIBURTON Number of Test H-18A
Interval Tested 5419.5 To 5426.5 Date of Test 7-7-57

Main (Hydraulic) Valve opened 7:22 ~~AM~~/PM Shut-in Pressure Valve Closed After 45 seconds
Trip (Top) Valve opened 1:22 AM/~~PM~~ Tool Shut in 2:22 AM/~~PM~~
Packers Pulled 6:22 AM/~~PM~~ GTS 30 Minutes
Blow IMMEDIATE MODERATE BLOW, CONTINUING THROUGHOUT FLOW PERIOD.
Recovery 241' G & OBMCO.

	From Above	From Pressure Chart
Length of Initial Shut-in	240	240
Length of Flow Period	60	60
Length of Final Shut-in	240	250

Recorder No. AK-1 115 Element No. 2456 N Range
Clock No. Range
Depth of Recorder 5302 Inside/~~Outside~~

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	2.1229	1761	
5	1.6676	1377	160	2.1230	1762	
10	1.9858	1645	170	2.1236	1762	
20	2.0598	1708	180	2.1238	1762	
30	2.0920	1735	190	2.1238	1762	
40	2.1040	1745	200	2.1238	1762	
60	2.1130	1763	210	2.1242	1763	
80	2.1171	1757	220	2.1247	1763	
100	2.1192	1758	230	2.1247	1763	
120	2.1208	1760	240	2.1250	1763	

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	0.0400	33	50	0.0933	76	
5	0.0430	35	60	0.1045	86	
10	0.0625	51				
20	0.0862	71				
30	0.0990	81				
40	0.0873	71				

Field ANETH

Well ~~STATE TE 36-16~~ Now D 216

Test No. H-18A Recorder No. AK-1 115

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	0.1045	86	230	2.0873	1731	
5	0.3185	261	240	2.0888	1732	
10	0.9180	753				
20	1.3860	1142				
30	1.5936	1315				
40	1.7517	1448				
60	1.9132	1584				
80	1.9790	1640				
100	2.0148	1670				
120	2.0384	1690				
140	2.0542	1703				
160	2.0658	1713				
170	2.0695	1716				
180	2.0735	1720				
190	2.0776	1723				
200	2.0800	1725				
210	2.0831	1728				
220	2.0855	1730				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial			3.1442	2640		
Final			3.0675	2573		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE III 32-16~~ Now A 2-16

Type Tester HALLIBURTON Number of Test H-18A
Interval Tested 5419.5 To 5426.5 Date of Test 7-7-59

Main (Hydraulic) Valve opened 9:22 ~~AM~~/PM Shut-in Pressure Valve Closed After 45 seconds
Trip (Top) Valve opened 1:22 AM/~~PM~~ Tool Shut in 2:22 AM/~~PM~~
Packers Pulled 6:22 AM/~~PM~~ GTS 30 Minutes
Blow IMMEDIATE MODERATE BLOW, CONTINUING THROUGHOUT FLOW PERIOD.
Recovery 241' G & OBMCO

	From Above	From Pressure Chart
Length of Initial Shut-in	240	240
Length of Flow Period	60	60
Length of Final Shut-in	240	240

Recorder No. AK-1 643 Element No. 2454 N Range
Clock No. Range
Depth of Recorder 5406.0 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	2.0747	1755	
5	1.8957	1602	160	2.0751	1755	
10	1.9615	1658	170	2.0757	1756	
20	2.0218	1710	180	2.0758	1756	
30	2.0474	1732	190	2.0762	1756	
40	2.0585	1741	200	2.0763	1756	
60	2.0670	1748	210	2.0764	1756	
80	2.0705	1751	220	2.0765	1756	
100	2.0727	1753	230	2.0769	1757	
120	2.0735	1754	240	2.0771	1757	

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	0.0425	35	50	0.0915	77	
5	0.0500	41	60	0.1042	87	
10	0.0638	53				
20	0.0808	67				
30	0.0975	81				
40	0.0912	76				

Field ANETH

Well ~~STATE III 32-16~~ Now S 216

Test No. H-18A Recorder No. AK-1 643

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	0.1042	87				
5	0.8747	735				
10	1.2856	1081				
20	1.5613	1316				
30	1.6606	1400				
40	1.7820	1504				
60	1.8882	1595				
80	1.9438	1643				
100	1.9765	1671				
120	1.9780	1689				
140	2.0092	1699				
160	2.0196	1708				
	CLOCK	STOPPED				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial			3.0870	2639		
Final			3.0190	2579		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Navajo 32-16

Type Tester HALLIBURTON Number of Test H-18A
Interval Tested 5419.5 To 5426.5 Date of Test 7-8-59

Main (Hydraulic) Valve opened _____ AM/PM Shut-in Pressure Valve Closed After 45 seconds
Trip (Top) Valve opened _____ AM/PM Tool Shut in _____ AM/PM
Packers Pulled _____ AM/PM GTS 30 Minutes
Blow IMMEDIATE MODERATE CONTINUING THROUGH OPEN PERIOD
Recovery LOST RECOVERY - BACK SCUTTLE VALVE OPEN

	From Above	From Pressure Chart
Length of Initial Shut-in	240	242
Length of Flow Period	60	55
Length of Final Shut-in	240	248

Recorder No. HK 13215 Element No. 7769N Range 3800
Clock No. 5412 Range 24
Depth of Recorder 5441 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—		160	.9499 -.0209 .9290	1783	
5	.8970 -.0209 .8761	1681	180	.9500 -.0209 .9291	1783	
10	.9198 -.0209 .8989	1725	200	.9500 -.0209 .9291	1783	
20	.9314 -.0209 .9105	1747	220	.9501 -.0209 .9292	1783	
40	.9425 -.0209 .9216	1769	230	.9500 -.0209 .9291	1783	
60	.9458 -.0209 .9249	1775	240	.9505 -.0209 .9296	1784	
80	.9473 -.0209 .9264	1778				
100	.9480 -.0209 .9271	1779				
120	.9484 -.0209 .9275	1780				
140	.9491 -.0209 .9282	1781				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0450 -.0209 .0241	46	60	.0660 -.0209 .0451	87	
10	.0531 -.0209 .0322	62				
20	.0610 -.0209 .0401	77				
30	.0652 -.0209 .0443	85				
40	.0609 -.0209 .0400	77				
50	.0612 -.0209 .0403	78				

* WAVY OR STAIRED

STYLUS WARPED CORRECTED -.0209 DEFL.

Field ANETH

Well ~~STATE THREE 32-16~~ Navajo 32-16

Test No. H-18A Recorder No. HK 13215

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.0660 -.0209 .0451	87	240	.9328 -.0209 .9119	1750	
5	.1953 -.0209 .1744	336				
10	.4203 -.0209 .3994	766				
20	.6889 -.0209 .6680	1281				
30	.7636 -.0209 .7427	1425				
40	.8106 -.0209 .7897	1515				
50	.8402 -.0209 .8193	1572				
60	.8609 -.0209 .8400	1612				
80	.8868 -.0209 .8659	1661				
100	.9021 -.0209 .8812	1691				
120	.9109 -.0209 .8900	1708				
140	.9174 -.0209 .8965	1720				
160	.9230 -.0209 .9021	1731				
180	.9261 -.0209 .9052	1737				
200	.9286 -.0209 .9077	1742				
210	.9299 -.0209 .9090	1744				
220	.9308 -.0209 .9099	1746				
230	.9320 -.0209 .9111	1748				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5441.0	1.4132 -.0209 1.3923	2673		
Final			NR			

Remarks:

* STAIRED

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE III 32-16~~ Now G 216

Type Tester HALLIBURTON Number of Test H-19
Interval Tested 5427 To 5463 Date of Test 7-8-59

Main (Hydraulic) Valve opened 1:02 ~~AM~~/PM Shut-in Pressure Valve Closed After 90 seconds
Trip (Top) Valve opened 5:02 ~~AM~~/PM Tool Shut in 6:02 ~~AM~~/PM
Packers Pulled 10:50 ~~AM~~/PM GTS 3 Minutes
Blow IMMEDIATE MODERATE BLOW, CONTINUING THROUGHOUT OPEN PERIOD.
Recovery 4.5 bbl. FORMATION OIL & OIL BASE MUD.

	From Above	From Pressure Chart
Length of Initial Shut-in	240	240
Length of Flow Period	60	60
Length of Final Shut-in	288	

Recorder No. AK-1 643 Element No. 2454 N Range
Clock No. Range
Depth of Recorder 5467.5 ~~Inside~~/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	2.2117	1875	
5	0.4340	364	160	2.2120	1875	
10	1.0968	921	170	2.2120	1875	
20	2.1678	1836	180	2.2120	1875	
30	2.1872	1853	190	2.2120	1875	
40	2.1990	1863	200	2.2120	1875	
60	2.2060	1870	210	2.2120	1875	
80	2.2090	1872	220	2.2120	1875	
100	2.2109	1874	230	2.2120	1875	
120	2.2109	1874	240	2.2120	1875	

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	0.1025	85	50	0.2963	248	
5	0.1242	104	60	0.3202	268	
10	0.1498	125				
20	0.1930	161				
30	0.2340	196				
40	0.2704	226				

Field ANETH

Well ~~STATE III 32-16~~ Navajo 2-16

Test No. H-19 Recorder No. AK-1 643

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	0.3202	268	230	2.1920	1849	
5	1.1842	995	240	2.1920	1849	
10	1.5265	1286	250	2.1920	1849	
20	1.9407	1640	260	2.1920	1849	
30	2.0498	1734	270	2.1920	1849	
40	2.0885	1767	280	2.1920	1849	
60	2.1256	1799	288	2.1920	1849	
80	2.1489	1820				
100	2.1593	1829				
120	2.1667	1835				
140	2.1718	1840				
160	2.1761	1843				
170	2.1768	1844				
180	2.1795	1846				
190	2.1799	1847				
200	2.1810	1848				
★ 210	2.1920	1849				
220	2.1920	1849				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial			3.0566	2612		
Final	NOT RECORDED					

Remarks:

★ – STEP

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE III 32-16~~ Now S216

Type Tester HALLIBURTON Number of Test H-19
Interval Tested 5427 To 5463 Date of Test 7-8-67

Main (Hydraulic) Valve opened 1:02 ~~AM~~/PM Shut-in Pressure Valve Closed After 90 seconds
Trip (Top) Valve opened 5:02 ~~AM~~/PM Tool Shut in 6:02 ~~AM~~/PM
Packers Pulled 10:50 ~~AM~~/PM GTS 3 Minutes
Blow IMMEDIATE MODERATE BLOW, CONTINUING THROUGHOUT OPEN PERIOD
Recovery 4.5 bbl. FORMATION OIL & OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	240 MIN	240
Length of Flow Period	60	60
Length of Final Shut-in	240	39

Recorder No. AK-1 349 Element No. 2455 N Range
Clock No. Range
Depth of Recorder 5471.5 ~~Inside~~/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	2.2431	1889	
5	0.9278	773	160	2.2436	1889	
10	2.1810	1835	170	2.2440	1890	
20	2.2112	1861	180	2.2435	1889	
30	2.2268	1875	190	2.2435	1889	
40	2.2325	1880	200	2.2436	1889	
60	2.2378	1884	210	2.2439	1889	
80	2.2405	1886	220	2.2439	1889	
100	2.2420	1888	230	2.2443	1890	
120	2.2430	1889	240	2.2445	1890	

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	0.1039	86	50	0.2995	249	
5	0.1265	105	60	0.3257	271	
10	0.1563	130				
20	0.1914	159				
30	0.2405	200				
40	0.2761	230				

Field ANETH

Well ~~STATE III~~ 32-16 NW SE 16

Test No. H-19 Recorder No. AKY 349

Final Shut-In Pressure Readings:

CLOCK STOPPED AT Δt = 39 MIN.

Time	Deflect In	Pressure PSIG				
0	0.3257	271				
5	1.7790	1491				
10	1.9721	1656				
20	2.0759	1744				
30	2.1085	1772				
39	2.1364	1796				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial			3.0860	2622		
Final						

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE III~~ 32-16 Now 32-16

Type Tester HALLIBURTON Number of Test H-19
Interval Tested 5427 To 5463 Date of Test 7-8-59

Main (Hydraulic) Valve opened 1:02 ~~AM~~/PM Shut-in Pressure Valve Closed After 90 seconds
Trip (Top) Valve opened 5:02 ~~AM~~/PM Tool Shut in 6:02 ~~AM~~/PM
Packers Pulled 10:50 ~~AM~~/PM GTS 3 Minutes
Blow IMMEDIATE MODERATE BLOW, CONTINUING THROUGHOUT OPEN PERIOD
Recovery 4.5 bbl. FORMATION OIL & OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	240	230
Length of Flow Period	60	55
Length of Final Shut-in	288	

Recorder No. AK-1 115 Element No. 2456 N Range
Clock No. Range
Depth of Recorder 5414 Inside/~~Outside~~

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	2.2352	1858	
5	0.6395	524	160	2.2363	1859	
10	1.9500	1615	170	2.2363	1859	
20	2.1510	1786	180	2.2364	1859	
30	2.1918	1820	190	2.2365	1859	
40	2.2143	1840	200	2.2366	1859	
60	2.2270	1851	210	2.2366	1859	
80	2.2315	1854	220	2.2367	1859	
100	2.2332	1856	230	2.2368	1859	
120	2.2347	1857	240	2.2368	1859	

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	0.0806	66	50	0.2830	232	
5	0.0981	80	60	0.3110	255	
10	0.1265	104				
20	0.1620	133				
30	0.2150	176				
40	0.2535	208				

Field ANETH

Well ~~STATE III 32-16~~ Now G216

Test No. H-19 Recorder No. AK-1 115

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	0.3110	255	230	2.2206	1845	
5	0.5332	437	240	2.2213	1846	
10	1.0255	842	250	2.2228	1847	
20	1.9082	1580	260	2.2234	1848	
30	2.0120	1668	270	2.2245	1848	
40	2.0956	1753	280	2.2254	1849	
60	2.1478	1783	288	2.2249	1849	
80	2.1758	1807				
100	2.1880	1817				
120	2.1970	1825				
140	2.2048	1832				
160	2.2088	1835				
170	2.2112	1836				
180	2.2127	1837				
190	2.2139	1839				
200	2.2154	1841				
210	2.2182	1843				
220	2.2191	1844				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial			3.0800	2585		
Final	NOT	READABLE				

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Now D 316

Type Tester HALLIBURTON Number of Test H-20
Interval Tested 5461.5 To 5476 Date of Test 7-9-59

Main (Hydraulic) Valve opened 6:37 AM/~~PM~~ Shut-in Pressure Valve Closed After 180 seconds
Trip (Top) Valve opened 11:39 AM/~~PM~~ Tool Shut in 12:39 ~~AM~~/PM
Packers Pulled 4:40 ~~AM~~/PM GTS _____ Minutes
Blow IMMEDIATE, VERY FAINT INCR. TO FAINT IN 7 MIN. INCR TO WEAK IN 34 MIN. INCR TO MOD IN 51 MIN.
Recovery 370', GAS CUT OIL BASE MUD (LOST 10' MUD IN ANNULUS)
(2.7 BBL)

	From Above	From Pressure Chart
Length of Initial Shut-in	302	—
Length of Flow Period	60	60
Length of Final Shut-in	241	241

Recorder No. AK-1 643 Element No. 2454-N Range 3400
Clock No. 2295 Range _____
Depth of Recorder 5480.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
FAILED						

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.1788	149	60	.1919	160	
10	.1814	152				
20	.1827	153				
30	.1852	155				
40	.1870	156				
50	.1883	157				

Field ANETH

Well ~~STATE III 32-16~~ 32-16

Test No. H-20 Recorder No. AK-1 643

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.1919	160				
10	.6448	541				
20	1.5786	1330				
30	2.0459	1730				
40	2.2203	1882				
50	2.1628	1832				
60	2.1738	1841				
80	2.1853	1851				
100	2.1948	1860				
120	2.1993 ✓	1864				
140	2.2020 ✓	1866				
160	2.2038	1868				
180	2.2047	1868				
200	2.2055	1869				
220	2.2065	1870				
230	2.2070	1870				
241	2.2070	1870				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5480.5	3.0630	2618		
Final		"	3.0173	2578		

Remarks:

* POINT MADE BY STYLUS ?

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE TRIBE 32-16~~ Now S216

Type Tester HALLIBURTON Number of Test H-20
Interval Tested 5461.5 To 5476 Date of Test 7-9-59

Main (Hydraulic) Valve opened 6:37 AM/~~PM~~ Shut-in Pressure Valve Closed After 180 seconds
Trip (Top) Valve opened 11:39 AM/~~PM~~ Tool Shut in 12:39 ~~AM~~/PM.
Packers Pulled 4:40 ~~AM~~/PM GTS _____ Minutes
Blow IMMEDIATE VERY FAINT, INCR TO FAINT IN 7 MIN, INCR TO WEAK IN 34 MIN, INCR TO MOD IN 51 M
Recovery 370' (2.7 BBLS) GAS CUT OIL BASE MUD (LOST 10' MUD IN ANNULUS)

	From Above	From Pressure Chart
Length of Initial Shut-in	302	—
Length of Flow Period	60	60
Length of Final Shut-in	241	230±

Recorder No. AK-1 115 Element No. 2456 N Range _____
Clock No. 1070 Range _____
Depth of Recorder 5448.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
FAILED						

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.1615	132	60	.1803	148	
10	.1686	138				
20	.1710	140				
30	.1751	143				
40	.1769	145				
50	.1792	147				

Field ANETH

Well ~~STATE THREE 32-16~~ Navajo DG 216

Test No. H-20 Recorder No. AK-1 115

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.1803	148				
10	.4049	332				
20	1.9120	1583				
30	2.1260	1764				
40	2.1830	1813				
50	2.2035	1830				
60	2.2149	1840				
80	2.2238	1848				
100	2.2305	1854				
120	2.2351	1858				
140	2.2382	1860				
160	2.2391	1861				
180	2.2409	1863				
200	2.2420	1863				
220	2.2423	1864				
230	2.2432	1864				
241	2.2432	1864				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial			3.0909	2594		
Final	NR.					

Remarks:

Field ANETH

Well ~~STATE III 32-16~~ Nau 8-216

Test No. H-21 Recorder No. AK-1 #115

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	0.0120	10				
5	0.0461	38				
10	0.0712	58				
20	0.1069	88				
30	0.1787	146				
40	0.2626	215				
60	0.3639	298				
80	0.5242	429				
100	1.3796	1137				
120	1.6298	1340				
140	1.8045	1492				
160	1.8621	1541				
180	1.8748	1551				
200	1.8817	1557				
210	1.8838	1559				
220	1.8850	1560				
230	1.8855	1560				
240	1.8863	1561				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5467	3.1071	2608		
Final		5467	3.0979	2600		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Now G216

Type Tester HALLIBURTON Number of Test H-21
Interval Tested 5490 To 5498 Date of Test 7-10-59

Main (Hydraulic) Valve opened 10:30 AM/~~PM~~ Shut-in Pressure Valve Closed After 30 seconds
Trip (Top) Valve opened 2:30 ~~AM~~/PM Tool Shut in 3:33 ~~AM~~/PM
Packers Pulled 7:30 ~~AM~~/PM GTS _____ Minutes
Blow DEAD UNTIL t = 13 MIN, THEN V. FAINT BLOW INCR. TO FAINT AT END OF TEST
Recovery 10' (0.1 BBL) OIL BASE MUD.

	From Above	From Pressure Chart
Length of Initial Shut-in	240	230±
Length of Flow Period	60	60±
Length of Final Shut-in	240	225±

Recorder No. AK-1 115 Element No. 2456N Range _____
Clock No. 1070 Range _____
Depth of Recorder 5467 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	1.9230	1592	
5	1.0599	871	160	1.9272	1595	
10	1.4631	1206	180	1.9318	1599	
20	1.7328	1432	200	1.9340	1601	
30	1.8250	1509	220	1.9364	1603	
40	1.8554	1535	230	1.9371	1604	
60	1.8887	1563	240	1.9381	1604	
80	1.8998	1573				
100	1.9058	1578				
120	1.9131	1584				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0120	10	60	.0120	10	
10	.0120	10				
20	.0120	10				
30	.0120	10				
40	.0120	10				
50	.0120	10				

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Now E216

Type Tester HALLIBURTON Number of Test H-21
Interval Tested 5490 To 5498 Date of Test 7-10-59

Main (Hydraulic) Valve opened 10:30 AM/~~PM~~ Shut-in Pressure Valve Closed After 30 seconds
Trip (Top) Valve opened 2:30 ~~AM~~/PM Tool Shut in 3:33 ~~AM~~/PM
Packers Pulled 7:30 ~~AM~~/PM GTS _____ Minutes
Blow DEAD UNTIL t = 13 MIN, THEN V. FAINT, INCR. TO FAINT AT END OF TEST
Recovery 10' (0.1 BBL) OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	240	240
Length of Flow Period	60	60
Length of Final Shut-in	240	240

Recorder No. AK-1 643 Element No. 2454 N Range _____
Clock No. 2295 Range 24 HR
Depth of Recorder 5502.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	–		140	1.8851	1593	
5	.2221	186	160	1.8901	1597	
10	1.0632	893	180	1.8949	1601	
20	1.5449	1302	200	1.8990	1605	
30	1.7386	1467	226	1.9032	1608	
40	1.7831	1505	230	1.9049	1610	
60	1.8480	1561	240	1.9061	1611	
80	1.8631	1574				
100	1.8721	1582				
120	1.8791	1588				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0257	21	60	.0257	21	
10	.0257	21				
20	.0259	22				
30	.0260	22				
40	.0259	22				
50	.0257	21				

Field ANETH

Well ~~STATE THREE 32~~-16 Navajo 3216

Test No. H-21 Recorder No. AK1 643

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.0257	21	220	1.8501	1563	
5	.0485	40	230	1.8520	1564	
10	.0840	70	240	1.8522	1565	
20	.1463	122				
30	.2070	173				
40	.2729	229				
50	.3883	325				
60	.4770	400				
70	.5790	486				
80	.7420	623				
100	.9483	797				
120	1.5151	1276				
140	1.7610	1486				
160	1.8226	1539				
180	1.8410	1555				
190	1.8457	1559				
200	1.8481	1561				
210	1.8498	1562				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5502.5	3.0645	2619		
Final		5502.5	3.0451	2602		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Navajo 216

Type Tester HALLIBURTON Number of Test H-21
Interval Tested 5490 To 5498 Date of Test 7-10-59

Main (Hydraulic) Valve opened 10:30 AM/~~PM~~ Shut-in Pressure Valve Closed After 30 seconds
Trip (Top) Valve opened 2:30 ~~AM~~/PM Tool Shut in 3:33 ~~AM~~/PM
Packers Pulled 7:30 ~~AM~~/PM GTS _____ Minutes
Blow DEAD UNTIL t= 13 MIN, THEN V. FAINT, INCR TO FAINT AT END OF TEST
Recovery 10' (0.1 BBLS) OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	240	240
Length of Flow Period	60	60
Length of Final Shut-in	240	240

Recorder No. AK-1 349 Element No. 2455N Range _____
Clock No. 2301 Range 24
Depth of Recorder 5506.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	1.9089	1602	
5	NR.	—	160	1.9131	1605	
10	1.0454	872	180	1.9181	1609	
20	1.5798	1322	200	1.9224	1613	
30	1.7664	1480	220	1.9271	1617	
40	1.8264	1531	230	1.9302	1620	
60	1.8739	1572	240	1.9326	1622	
80	1.8873	1583				
100	1.8964	1591				
120	1.9020	1596				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0264	22	60	.0245	20	
10	.0249	21				
20	.0246	20				
30	.0245	20				
40	.0247	21				
50	.0246	20				

Field ANETH

Well ~~STATE THREE 32-16~~ Now 2-16

Test No. H-21 Recorder No. AK-1349

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.0245	20	220	1.8769	1574	
5	.0407	34	230	1.8778	1575	
10	.0720	60	240	1.8779	1575	
20	.1520	126				
30	.2129	177				
40	.2623	218				
50	.3599	299				
60	.4649	387				
70	.5692	473				
80	.7549	628				
100	1.2551	1048				
120	1.6024	1341				
140	1.7829	1494				
160	1.8436	1546				
180	1.8667	1566				
190	1.8701	1569				
200	1.8736	1572				
210	1.8748	1573				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5506.5	3.0920	2626		
Final		5506.5	3.0799	2616		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Now 4216

Type Tester HALLIBURTON Number of Test H-22
Interval Tested 5513.5 To 5541 Date of Test 7-11-59

Main (Hydraulic) Valve opened 2:15 AM/~~PM~~ Shut-in Pressure Valve Closed After 90 seconds
Trip (Top) Valve opened 6:18 AM/~~PM~~ Tool Shut in _____ AM/PM
Packers Pulled 11:25 AM/~~PM~~ GTS _____ Minutes
Blow IMMEDIATE V. FAINT DEAD @ t=15 MIN. - DEAD REMAINDER OF OPEN PERIOD
Recovery 15' OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	243	235±
Length of Flow Period	61	55±
Length of Final Shut-in	246	230±

Recorder No. AK-1 115 Element No. 2456N Range _____
Clock No. 1070 Range 24
Depth of Recorder 5500.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	160	1.8900	1564	
10	.0708	58	180	1.8984	1571	
20	.2212	181	200	1.9020	1574	
30	1.2072	993	210	1.9054	1577	
40	1.4506	1196	220	1.9081	1580	
60	1.6872	1394	230	1.9095	1581	
80	1.7944	1484	240	1.9106	1582	
100	1.8411	1523				
120	1.8663	1544				
140	1.8823	1558				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0141	12	60	.0143	12	
10	.0140	11				
20	.0140	11				
30	.0139	11				
40	.0140	11				
50	.0142	12				

Field ANETH

Well ~~STATE III 32-16~~ Now 32-16

Test No. H-22 Recorder No. AK-1 #115

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	0.0165	14				
5	0.0225	18				
10	0.0285	23				
20	0.0507	42				
30	0.0613	50				
40	0.0810	66				
60	0.1284	105				
80	0.2388	196				
100	0.4303	352				
120	0.8075	662				
140	1.2015	988				
160	1.4712	1213				
180	1.5717	1297				
200	1.6677	1377				
210	1.6992	1404				
220	1.7287	1428				
230	1.7502	1446				
240	1.7670	1461				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5500.5	3.1162	2614		
Final		5500.5	3.1108	2611		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Now 32-16

Type Tester HALLIBURTON Number of Test H-22
Interval Tested 5513.5 To 5541 Date of Test 7-11-59

Main (Hydraulic) Valve opened 2:15 AM/~~PM~~ Shut-in Pressure Valve Closed After 90 seconds
Trip (Top) Valve opened 6:18 AM/~~PM~~ Tool Shut in 7:19 AM/~~PM~~
Packers Pulled 11:25 AM/~~PM~~ GTS _____ Minutes
Blow IMMEDIATE V. FAINT DEAD @ t = 15 MIN - DEAD REMAINDER OF OPEN PERIOD
Recovery 15' OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	243	243 ±
Length of Flow Period	61	61 ±
Length of Final Shut-in	246	246 ±

Recorder No. AK-1 643 Element No. 2454N Range 3400
Clock No. 2295 Range 24
Depth of Recorder 5545.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0412	36	160	1.8767	1585	
10	.0800	67	180	1.8842	1592	
20	.3982	334	200	1.8901	1597	
30	1.1561	972	210	1.8929	1599	
40	1.4530	1223	220	1.8944	1601	
60	1.6758	1413	230	1.8966	1603	
80	1.7824	1505	240	1.8980	1604	
100	1.8273	1543				
120	1.8519	1564				
140	1.8681	1578				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0481	40	60	0475	40	
10	.0478	42				
20	.0474	40				
30	.0474	40				
40	.0476	40				
50	.0474	40				

Field ANETH

Well ~~STATE THREE 32-16~~ Navajo 3-16

Test No. H-22 Recorder No. AK-1 643

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.0475	40	220	1.7083	1441	
5	.0521	43	230	1.7352	1464	
10	.0594	50	243	1.7564	1482	
20	.0750	63				
30	.0931	78				
40	.1158	97				
50	.1430	119				
60	.1728	143				
70	.2053	172				
80	.2631	220				
100	.4511	378				
120	.7728	649				
140	1.1984	1007				
160	1.4267	1201				
180	1.5522	1308				
190	1.6227	1368				
200	1.6573	1398				
210	1.6817	1418				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5545.5	NR			
Final		5545.5	3.0832	2636		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Navajo 32-16

Type Tester HALLIBURTON Number of Test H-22
Interval Tested 5513.5 To 5541 Date of Test 7-11-59

Main (Hydraulic) Valve opened 2:15 AM/~~PM~~ Shut-in Pressure Valve Closed After 90 seconds
Trip (Top) Valve opened 6:18 AM/~~PM~~ Tool Shut in 7:19 AM/~~PM~~
Packers Pulled 11:25 AM/~~PM~~ GTS _____ Minutes
Blow IMMEDIATE V. FAINT DEAD @ t = 15 MIN - DEAD REMAINDER OF OPEN PERIOD
Recovery 15' OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	243	243 ±
Length of Flow Period	61	61 ±
Length of Final Shut-in	246	246 ±

Recorder No. AK-1 349 Element No. 2455N Range _____
Clock No. 2301 Range 24
Depth of Recorder 5549.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	160	1.8899	1586	
10	.1194	99	180	1.8970	1592	
20	.9225	768	200	1.9033	1597	
30	1.3580	1134	210	1.9051	1598	
40	1.5453	1292	220	1.9070	1600	
60	1.7352	1454	230	1.9093	1602	
80	1.8025	1511	240	1.9110	1603	
100	1.8431	1546				
120	1.8668	1566				
140	1.8796	1577				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0356	30	60	.0361	30	
10	.0359	30				
20	.0357	30				
30	.0364	30				
40	.0361	30				
50	.0365	30				

Field ANETH

Well ~~STATE THREE 32-16~~ Navajo 32-16

Test No. H-22 Recorder No. AK-1 349

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.0361	30	220	1.7394	1457	
5	.0421	35	230	1.7541	1470	
10	.0471	39	243	1.7699	1483	
20	.0660	55				
30	.0846	70				
40	.0971	81				
50	.1316	109				
60	.1646	134				
70	.1971	164				
80	.2628	219				
100	.4761	396				
120	.9033	502				
140	1.3114	1179				
160	1.5081	1261				
180	1.6232	1359				
190	1.6702	1399				
200	1.7086	1431				
210	1.7277	1447				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5549.5	3.1092	2641		
Final		5549.5	3.1041	2637		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Now G216

Type Tester HALLIBURTON Number of Test H-20A
Interval Tested 5464.5 To 5478.5 Date of Test 7-11-59

Main (Hydraulic) Valve opened 6:05 AM/PM Shut-in Pressure Valve Closed After 50 seconds
Trip (Top) Valve opened 10:05 AM/PM Tool Shut in 11:05 AM/PM
Packers Pulled 3:05 AM/PM GTS _____ Minutes
Blow IMMEDIATE MODERATE, STEADY TO END OF OPEN PERIOD
Recovery 35' (0.3BBLS) OIL CUT OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	240	250 ±
Length of Flow Period	60	65 ±
Length of Final Shut-in	240	250 ±

Recorder No. AK-1 349 Element No. 2455N Range _____
Clock No. — Range _____
Depth of Recorder 5487 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	2.2494	1894	
5	.1110	92	160	2.2499	1894	
10	.2665	222	180	2.2500	1895	
20	2.1559	1813	200	2.2509	1896	
30	2.2100	1860	220	2.2509	1896	
40	2.2289	1876	230	2.2509	1896	
60	2.2386	1885	240	2.2510	1896	
80	2.2450	1890				
100	2.2472	1892				
120	2.2486	1894				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0344	29	60	.0461	38	
10	.0358	30				
20	.0401	33				
30	.0411	34				
40	.0431	36				
50	.0457	38				

Field ANETH

Well ~~STATE TIPPEE 32-15~~ Mau 8-3 46

Test No. H-20A Recorder No. AK-1 349

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.0461	38	240	2.2340	1881	
5	.1100	91				
10	.1773	147				
20	.3588	298				
30	.5501	457				
40	.6670	555				
50	.9551	796				
60	1.4730	1231				
80	2.0633	1733				
100	2.1562	1813				
120	2.1989	1850				
140	2.2111	1861				
160	2.2214	1870				
180	2.2261	1874				
200	2.2300	1877				
210	2.2319	1879				
220	2.2331	1880				
230	2.2337	1880				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		NR	—			
Final		5487	3.0749	2611		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Now E216

Type Tester HALLIBURTON Number of Test H-20A
Interval Tested 5464.5 To 5478.5 Date of Test 7-11-59

Main (Hydraulic) Valve opened 6:05 ~~AM~~/PM Shut-in Pressure Valve Closed After 50 seconds
Trip (Top) Valve opened 10:05 ~~AM~~/PM Tool Shut in 11:05 ~~AM~~/PM
Packers Pulled 3:05 AM/~~PM~~ GTS _____ Minutes
Blow IMMEDIATE MODERATE STEADY TO END OF OPEN PERIOD
Recovery 35' (0.3 BBL) OIL CUT OIL BASE MUD

	From Above	From Pressure Chart
Length of Initial Shut-in	240	225±
Length of Flow Period	60	55±
Length of Final Shut-in	240	230±

Recorder No. AK-1 115 Element No. 2456 N Range _____
Clock No. 1070 Range _____
Depth of Recorder 5451.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	2.2515	1872	
5	.1480	121	160	2.2521	1872	
10	.5779	473	180	2.2522	1872	
20	2.1450	1779	200	2.2529	1873	
30	2.2116	1837	220	2.2532	1873	
40	2.2289	1852	230	2.2532	1873	
60	2.2430	1864	240	2.2532	1873	
80	2.2459	1867				
100	2.2495	1870				
120	2.2511	1871				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0222	18	60	0332	27	
10	.0228	19				
20	.0277	23				
30	.0291	24				
40	.0301	25				
50	.0320	26				

Field ANETH

Well ~~STATE III 32-16~~ Navajo 32-16

Test No. H-20A Recorder No. AK-1 # 115

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	0.0338	28				
5	0.1110	91				
10	0.1856	152				
20	0.3597	295				
30	0.5056	414				
40	0.7134	584				
60	1.4190	1169				
80	2.0783	1724				
100	2.1835	1813				
120	2.2082	1835				
140	2.2226	1847				
160	2.2295	1853				
180	2.2336	1856				
200	2.2370	1859				
210	2.2385	1860				
220	2.2398	1862				
230	2.2406	1862				
240	2.2415	1863				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial	NR					
Final		5451.5	3.0813	2686		

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Now 8-216

Type Tester HALLIBURTON Number of Test H-23
Interval Tested 5514 To 5600 Date of Test 7-12-59

Main (Hydraulic) Valve opened _____ AM/PM Shut-in Pressure Valve Closed After _____ seconds
Trip (Top) Valve opened _____ AM/PM Tool Shut in _____ AM/PM
Packers Pulled _____ AM/PM GTS _____ Minutes
Blow DEAD 15 MIN, OCC BUBBLE NEXT 10 MIN, THEN DEAD
Recovery 90' OIL BASE MUD + 135' SALT WATER

	From Above	From Pressure Chart
Length of Initial Shut-in	240	236
Length of Flow Period	60	55
Length of Final Shut-in	241	—

Recorder No. HK 1020 Element No. 12017N Range 2900
Clock No. 3074 Range _____
Depth of Recorder 5586.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0267	38	160	1.3927	2020	
5	1.0532	1526	180	1.3939	2022	
10	1.2792	1854	200	1.3941	2022	
20	1.3495	1957	220	1.3947	2023	
40	1.3739	1993	230	1.3950	2023	
60	1.3819	2004	240	1.3952	2024	
80	1.3867	2011				
100	1.3888	2014				
120	1.3906	2017				
140	1.3922	2019				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0419	60	50	.0948	137	
5	.0469	67	60	.1049	151	
10	.0527	76				
20	.0627	90				
30	.0736	106				
40	.0841	121				

Field ANETH

Well ~~STATE THREE 32-16~~ Now G31L

Test No. H-23 Recorder No. HK 1020

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.1059	152				
5	.7691	1112				
10	1.0410	1509				
20	1.1558	1674				
30	1.2013	1740				
40	1.2298	1782				
	1.2456	1805	CLOCKED STOPPED			

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5586.5	1.8324	2664		
Final						

Remarks:

Bottom Hole Pressure Data Sheet

Field ANETH

Well ~~STATE THREE 32-16~~ Now 8316

Type Tester HALLIBURTON Number of Test H-23
Interval Tested 5544 To 5600 Date of Test 7-12-59

Main (Hydraulic) Valve opened 10:36 AM/PM Shut-in Pressure Valve Closed After 120 seconds
Trip (Top) Valve opened 2:36 ~~AM~~/PM Tool Shut in 3:36 ~~AM~~/PM
Packers Pulled 7:37 ~~AM~~/PM GTS _____ Minutes
Blow DEAD FIRST 15 MIN. OCCASIONAL BUBBLE NEXT 10 MIN. THEN DEAD REMAINDER OF
Recovery 225' TOTAL FLUID INCL: 90' OIL CUT MUD + 135' SALT WATER

	From Above	From Pressure Chart
Length of Initial Shut-in	240	225±
Length of Flow Period	60	55±
Length of Final Shut-in	240	220±

Recorder No. AK-1 115 Element No. 2456N Range _____
Clock No. 1070 Range _____
Depth of Recorder 5530.5 Inside/Outside

Initial Shut-In Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	—	—	140	2.3875	1988	
5	NOT READABLE	—	160	2.3899	1990	
10	2.2938	1907	180	2.3906	1991	
20	2.3346	1943	200	2.3911	1991	
30	2.3501	1956	220	2.3916	1992	
40	2.3620	1966	230	2.3916	1992	
60	2.3718	1975	240	2.3919	1992	
80	2.3781	1980				
100	2.3830	1984				
120	2.3862	1987				

Flow Period Pressure Readings:

Time	Deflect In.	Pressure PSIG				
0	.0311	25	60	.1418	116	
10	.0522	43				
20	.0784	64				
30	.0900	74				
40	.1050	86				
50	.1227	100				

Field ANETH

Well ~~STATE THREE 32-16~~ Nuni 9216

Test No. H-23 Recorder No. AK-1 115

Final Shut-In Pressure Readings:

Time	Deflect In	Pressure PSIG				
0	.1418	116				
5	1.9062	1578				
10	1.9700	1632				
20	2.0493	1679				
30	2.1090	1750				
40	2.1456	1781				
60	2.1821	1821				
80	2.2119	1838				
100	2.2341	1857				
120	2.2505	1871				
140	2.2621	1881				
160	2.2697	1887				
180	2.2769	1893				
200	2.2821	1898				
220	2.2871	1902				
230	2.2909	1905				
241	2.2919	1906				

Hydrostatic Pressures

	Time	Depth Ft.	Deflection In.	Pressure PSIG		
Initial		5530.5	3.1393	2636		
Final		5530.5	3.2080	2696		

Remarks:

SUFFL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ New G216 **Date:** 7-12-59 A.M.

Depth: 5594' **Drilled:** ø **Cored:** ø

Other Operations:

Ran Conventional DST H-22 and H-20A.

Preliminary Data Determinations:

DST H-22 5513.5' - 5541'. Open for initial shut-in 1 minute, 30 seconds. Initial shut-in 4 hours, 3 minutes, open 1 hour, 1 minute. Final shut-in 4 hours, 6 minutes. Immediate very faint blow, dead at t = 15 minutes, dead for remainder of open period. Recovered 15' oil base mud.

Recorder	AK-1 115	AK-1 643	AK-1 319
Element	2458N	2461N	2459N
Recorder Depth	5500.5'	5545.5'	5549.5'
IHP	2643 psi	2656 psi	2647 psi
ISIP (rising)	1588 "	1601 "	1602 "
IFP	18 "	40 "	30 "
FFP	18 "	40 "	30 "
FSIP (rising steeply)	1640 "	1601 "	1683 "
FHP	2612 "	2637 "	2634 "

DST H-20A 5464.5' - 5478.5' Open for initial shut-in 50 seconds. Initial shut-in 4 hours, open 1 hour, final shut-in 4 hours. Immediate moderate blow, continuing to end of open period. Recovered 35' oil cut oil base mud.

Recorder	AK-1 115	AK-1 643	AK-1 319
Element	2456N	2451N	2459N
Recorder Depth	5451.5'	5483'	5487'
IHP	Not readable	—	—
ISIP (stab.)	1871 psi	Failed	1895 psi
IFP	16 "		29 "
FFP	26 "		39 "
FSIP (nearly stab.)	1862 "		1880 "
FHP	2588 "		2610 "

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Now S 2-6 **Date:** 7-13-59 A.M.

Depth: 5594 **Drilled:** -0- **Cored:** -0-

Other Operations:

Ran conventional DST M-23. Conditioned mud.

Preliminary Data Determinations:

DST M-23 5544.0-5600.0'. Open for initial shut in 2 minutes. Initial shut in 4 hours, open 1 hour. Final shut in 4 hours 1 minute. Dead until t = 15 minutes, very faint blow until t = 25 minutes, dead through remainder of open period. Recovered 90' oil base mud + 135' salt water.

Recorder	AK-1 115	AK 13215	AK 1020	AK-1 349
Element	2456M	7769M	12017M	2455M
Recorder Depth	5530.5'	5579.5'	5586.5'	5593.'
IHP	2657 psi	out	2662 psi	stylus
ISIP (stab)	1992 psi	readable	2022 psi	disengaged
IFP	24 psi	clock ran	59 psi	while
FFP	116 psi	out a	152 psi	making
FSIP(rising slightly)	1906 psi	t = 90	clock ran	tool up
FHP	2694 psi	minutes	out	

SHELL OIL COMPANY
DAILY OPERATIONS REPORT

Well: ~~State Three 32-16~~ Now 32-16 **Date:** 7-14-59 A.M.

Depth: 5594 **Drilled:** -0- **Cored:** -0-

Other Operations:

Laid down drill pipe. Made up tubing with Guiberson packer set in casing at 5361'. Displaced oil base mud above packer with water. Released rig 6:30 A.M., July 14, 1959

Preliminary Data Determinations:

MAILING LIST

8-5-59

State of Utah ← THIS COPY FOR [redacted]
Oil and Gas Conservation Commission
Room 310 Newhouse Building
Salt Lake City, Utah
Attention Mr. C. B. Feight

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas
Attention Mr. Van Thompson

The Carter Oil Company
Post Office Box 120
Denver, Colorado
Attention Mr. R. S. Frazier

The Carter Oil Company
Post Office Box 3082
Durango, Colorado
Attention Mr. B. M. Bradley

The Carter Oil Company
Post Office Box 3082
Durango, Colorado
Attention Mr. R. C. Walther

Cities Service Oil Company
3010 Monte Vista, N. E.
Albuquerque, New Mexico

Continental Oil Company
1755 Glenarm
Denver 2, Colorado
Attention Mr. J. W. Tynan

Continental Oil Company
816 Patterson Building
Denver, Colorado
Attention Mr. R. E. White

Continental Oil Company
Post Office Box 3312
Durango, Colorado
Attention Mr. J. B. Hall

Gulf Oil Corporation
Post Office Box 2097
Denver, Colorado
Attention Mr. W. E. Bauman

Ohio Oil Company
Post Office Box 120
Casper, Wyoming
Attention Mr. E. L. Spieles

Phillips Petroleum Company
Bartlesville, Oklahoma
Attention Mr. Shofner Smith

Phillips Petroleum Company
Post Office Drawer 1150
Cortez, Colorado
Attention Mr. C. M. Boles

The Pure Oil Company
Mile High Center
1700 Broadway
Denver 2, Colorado
Attention Mr. H. W. Van Zandt

Sinclair Oil & Gas Company
Denver Club Building, Room 601
Denver 2, Colorado
Attention Mr. C. D. Gaines

Standard Oil Company of California
Post Office Box 445
Vernal, Utah
Attention Mr. C. V. Chatterton

The Superior Oil Company
Post Office Box 200
Casper, Wyoming
Attention Mr. W. H. Fraser

The Superior Oil Company
Drawer G
Cortez, Colorado

Texaco Inc.
Post Office Box 817
Farmington, New Mexico
Attention Mr. U. E. Johnson

Three States Natural Gas Company
916 Fairgrounds Road
Farmington, New Mexico

United States Geological Survey
Post Office Box 965
Farmington, New Mexico
Attention Mr. P. T. McGrath

SHELL OIL COMPANY

705 West Municipal Drive
Farmington, New Mexico

August 10, 1959

(See Attached Mailing List)

Gentlemen:

In accordance with the Utah Oil and Gas Conservation Commission Order in Cause No. 17 granting permission to drill certain 40-acre spaced test wells, we are attaching herewith drilling operations reports covering the testing of the last well, ~~State III 32-16~~ Now F 2/6 in the Aneth field.

Also, attached are reports on the production testing to date in two wells, North Desert Creek 13-12 and Burton 22-13. Additional data on production testing will be sent to you as it is accumulated. No other testing has been done up to the present.

Yours very truly,

R. R. Robison

R. R. Robison
Division Production Manager

Attachments

OIL'S FIRST CENTURY
-BORN IN FREEDOM
WORKING FOR PROGRESS

Form OGCC-1

(SUBMIT IN DUPLICATE)

LAND:

Fee and Patented ☐
State ☒
Lease No. ML 3156

Public Domain ☐
Lease No.

Indian ☐
Lease No.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	X
Notice of Intention to Pull or Alter Casing		Supplementary Well History	X
Notice of Intention to Abandon Well			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 1, 1962

Aneth Unit Well No. G216 is located 1975 ft. from {N/S} line and 3304 ft. from {E/W} line of Sec. 16

NE¼ of Sec. 16 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) SLM (Meridian)

Aneth (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4578 feet.

A drilling and plugging bond has been filed with State of Utah.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Moved in pulling unit and commenced workover 1-5-62. Set straddle packers at 5476' and 5520' and treated open hole from 5476' to 5520' with 500 gallons of NELST acid and 3000 gallons of emulsified acid. Reset straddle packers at 5432' and 5476' and treated open hole from 5432' to 5476' with 500 gallons of NELST acid and 3000 gallons of emulsified acid. Reset packers at 5388' and 5432' and treated open hole from 5388' to 5432' with 500 gallons of NELST acid and 3000 gallons of emulsified acid. After completing treatment, pulled straddle packers. Swabbed well to recover load oil and well kicked off and started flowing. On 24 hour test ending 9:00 A.M., 1-13-62, well flowed 451 barrels of 41° gravity oil.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

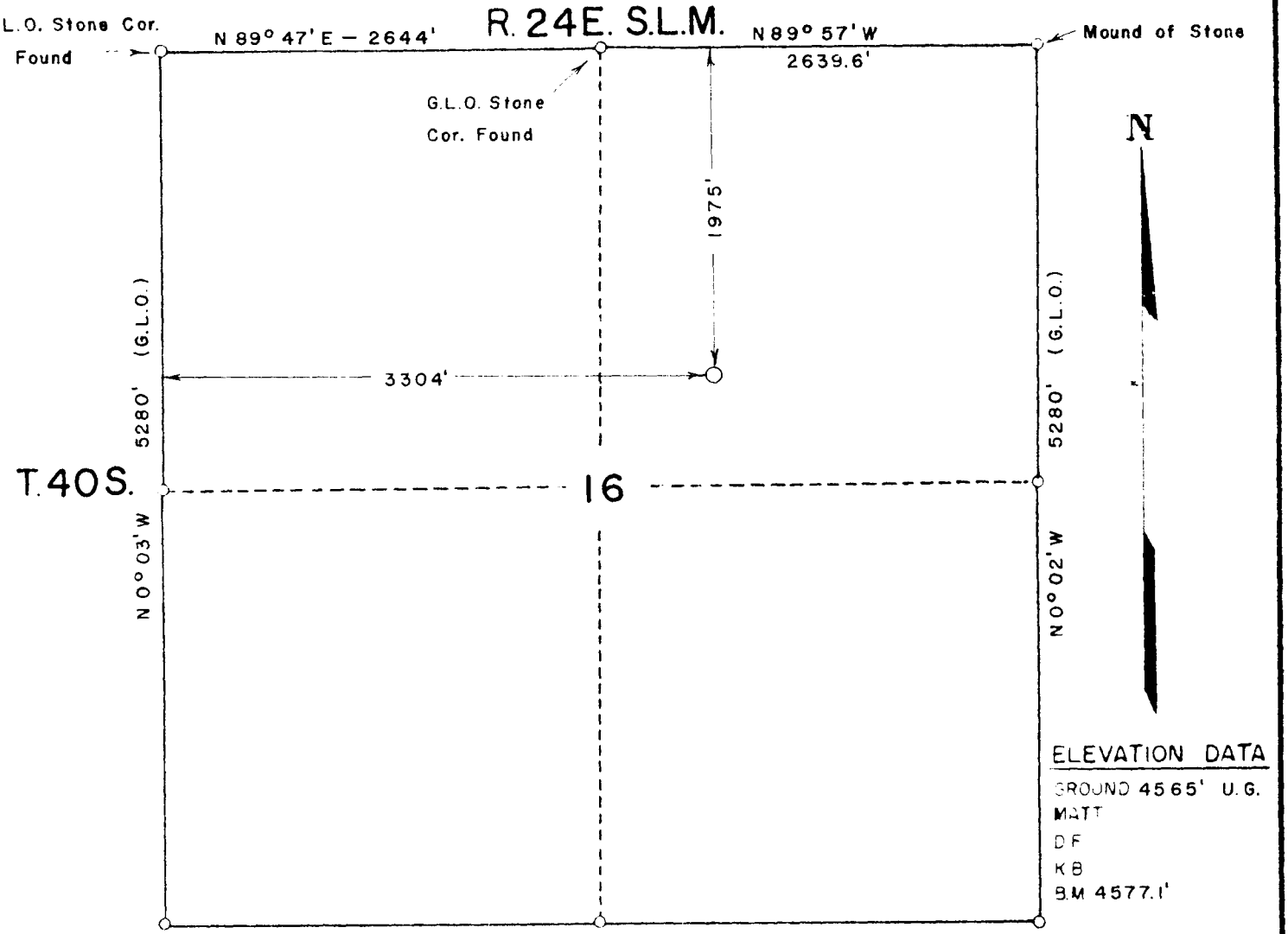
Company TEXACO Inc.

Address P. O. Box 810
Farmington, New Mexico

By C. P. Farmer

Title District Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.



REFERENCE POINT DATUM–
"x2" STAKES SET AT 10' N,S,E, & W OF LOC
1"x2" stake and 3' flag set at 232'N., 173'S., 200'E., & 206'W. of Loc.
½"x8' angle iron stake & 10' flag set at Loc. being 3304'E. & 1975'S. of the NW Cor. of Sec. 16, T.40S., R.24E., S.L.M.
1"x2" hub and 3' flag bears West 206' from Loc. for B.M.

This is to certify that the above plat was prepared from field notes of an actual survey made under my supervision, and that the same are true and correct to the best of my knowledge and belief.

Aug. 27, 1957

John A. Kroeger
John A. Kroeger, L.S.
Utah Reg. No. 1648

REGISTERED LAND SURVEYOR
No. 1648
STATE OF UTAH

Drawn By Ritter	SHELL OIL COMPANY	Scale 1" = 1000'
Checked By A.C.T.		
Date 8/27/57		

LOCATION OF STATE III - 32 - 16 Now 9216
SAN JUAN COUNTY, UTAH, SEC. 16, T.40S., R.24E., S.L.M.

Form 9-331
(May 1963)

UI ED STATES
DEPARTME NT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP ATE*
(Other instruction. re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
Texaco Inc. - Producing Dept. - Rocky Mtns. U.S.

3. ADDRESS OF OPERATOR
P. O. Box 2100, Denver, Colorado 80201 (GLE)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1975' FNL and 3304' FWL

5. LEASE DESIGNATION AND SERIAL NO.
ML-3156

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Aneth Unit

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
G216

10. FIELD AND POOL, OR WILDCAT
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
16-40S-24E-SLM

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4578 DF

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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.) *

Press. tbng. w/ pump unit to 500 PSI. Acidized via annulus w/ 750 Gal. 15% inhibited NE-HCL w/ P121 U74 additives.

Flushed w/ 109 Bbl. lease crude @ 4 BPM.

Test before 36 BOPD, 58 BWPD

Test after 39 BOPD, 62 BWPD, No GOR

Work completed 6-17-72.

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

SIGNED [signature] TITLE District Superintendent DATE 7-19-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3) OGCC(2) Navajo Tribe - Superior Oil Co. - HHB - GLE -WLW
Farm. SLC Cortez

pw

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
ML-3156

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME
Aneth Unit

2. NAME OF OPERATOR
TEXACO Inc.

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
P.O. Box 2100, Denver, Colorado 80201

9. WELL NO.
G-216

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1975' from North line and 3304' from West line.

10. FIELD AND POOL, OR WILDCAT
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
16, 40S, 24E, SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4578' DF

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	X	ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)							

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

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.)*

Reason for workover was to increase oil production.

Commenced workover on 3-3-73. Ran 2-7/8" tubing and tested same at 4500 PSI, O.K. Set packer at 5350'. Acidize perfs. 5402 - 5530. Stage 1 pumped 1600 gal. preflush crude oil, 1000 gal. N.E.,HCL acid and flush w/1100 gal. crude oil. Avg. press. 3800, Avg. rate 5. Stage 2 Pumped 4000 gal. crude oil-follow w/3000 gal. N.E.,HCL acid and flush w/2000 gal. lease crude and follow w/1000 gal. plug. Avg. press. 3650, avg. rate 4. Stage 3 pumped 2000 gal. crude oil and 3000 gal. N.E.,HCL acid followed w/8000 gal. lease crude. Avg. press. 3800, Avg. rate 5. ISIP vac. Max. press. 4000, Avg. rate 4.5, Avg. press. 3800. Test before 27 BOPD 46 BWPD After 150 BOPD 74 BWPD.

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

SIGNED W. F. Wilson TITLE Field Foreman DATE 4-30-73

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3) OGCC(2) The Navajo Tribe - Superior Oil Co. - HHB - GLE - NLW Farm. SLC

TEXACO U.S.A.
P. O. Box 2100
Denver, CO 80201
4601 DTC Boulevard
Denver, CO 80237

TEXACO

November 26, 1985

RECEIVED
DEC 05 1985
DIVISION OF OIL
GAS & MINING

State of Utah
Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Ms. Pam Kenna

Dear Ms. Kenna:

In response to your request of October 1, 1985 (see attached letter), please be advised that Texaco Inc. took over operations of Shell's wells in the Aneth Unit on September 1, 1961. Listed below are the wells involved.

Former Names	Well No.	Current Names Well No.
Shell and Three States Mesa	1	Aneth Unit C411
" " " " "	2	" " D311
Shell - Burton Federal	14-12	" " A412
" " "	34-12	" " C412
" " "	43-12	" " D312
" " "	23-12	" " B312
" " "	31-12	" " C112
" " "	14-13	" " A413
" " "	23-13	" " B313
" " "	33-13	" " C313
" " "	42-13	" " D213
" " "	12-13	" " A213
" " "	21-13	" " B113
" " "	31-13	" " C113
" " "	44-13	" " D413
" " "	22-13	" " B213

40 S. 24E. 16

Former Names	Well No.	Current Names Well No.
Shell - State III	11-16	Aneth Unit E116
" " "	12-16	" " E216
" " "	14-16	" " E416
" " "	21-16	" " F116
" " "	23-16	" " F316
" " "	34-16	" " G416
" " "	42-16	" " H216
" " "	43-16	" " H316
" " "	32-16	" " G216

Very truly yours,

J N Hurlbut/pm

J. N. HURLBUT
Drilling and Production Manager

EOO:cub

Attachment

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: ML-3156 POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 190907

1. OIL WELL [XX] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Aneth Unit

2. NAME OF OPERATOR: Texaco Inc. Attn: A.A. Kleier

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P.O. Box EE, Cortez, Colo. 81321

9. WELL NO.: G216

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1975' FLN & 3304' FWL

10. FIELD AND POOL, OR WILDCAT: Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 16, T40S, R24E

14. PERMIT NO.: 43-037-15835

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4578' DF

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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.) MIRUSU - TOOH W/Rods, Pump and Tubing.
2.) Perforate the following intervals W/2JSPF:
   5342'-54', 5356'-58, 5360'-72
3.) Set and test RBP @ 5390'KB.
4.) Spot 42 gallons 15% HcL across perforations.
5.) Set packer @ 5320' and acidize W/3958 gal. 15% HcL in one stage.
6.) Swab and flow well to recover load.
7.) Retrieve RBP and TOOH W/RBP, packer and tubing.
8.) Return well to production VIA Rod Pump.

OCT 2 1987

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

SIGNED Alan A. Kleier TITLE Area Superintendent DATE 9/25/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

BLM (4) UOGCC (3) Navajo Tribe - Mobil Oil - JNH-LAA-AAK

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITI STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI (Other instructions o. reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO. ML-3156 POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME 102816

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME Aneth Unit

2. NAME OF OPERATOR TEXACO Inc. (303) 565-8401

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR P. O. Box EE, Cortez, CO 81321

9. WELL NO. G-216

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1975' FNL and 3304' FWL

10. FIELD AND POOL, OR WILDCAT Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T40S, R24E

14. PERMIT NO. 43 037 15835

15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4578' DF

12. COUNTY OR PARISH San Juan

13. STATE Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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.)*

The following work was begun Oct. 5, 1987 and was completed Oct. 13, 1987:

MIRUSU. TOOH w/pump and rods. NUBOP. TOOH w/tubing. Perforate Ismay 5342'-54', 5356'-58' and 5360'-72' w/2JPF. TIH w/RBP, pkr. and tubing. Set RBP at 5391'. Spot 50 gal. acid across perfs. (5342'-5372' gross). Acidize w/3950 gal. acid. Avg. 3.5 BPM @850 PSI. Swab back load fluid. TOOH w/RBP, pkr. and tubing. Run production equipment. RDMOSU.

Test before: 42 BOPD, 362 BWPD, 38 MCFGPD
Test after : 51 BOPD, 469 BWPD, 46 MCFGPD

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

SIGNED Alan A. Kleier TITLE Area Superintendent DATE Oct. 20, 1987

Alan A. Kleier

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BLM(4) UOGCC(3) Navajo Tribe-Mobil Oil-LAA-JNH-AAK

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME	TOWN SHIP	RANGE	SEC	QTR QTR	API NUMBER	PROD ZONE	WELL STATUS	ENTITY	WELL NAME
N0960	TERRA RESOURCES, INC.	160	BAR X	S170	E250	1	SWSW	4301930591		LA	99998	BAR X UNIT #10
				S170	E250	11	SESW	4301930607		LA	99998	BAR X UNIT #17
				S170	E250	12	NWNW	4301930616		LA	99998	BAR X UNIT #18
				S170	E260	18	SWNW	4301930592		PA	99998	BAR X UNIT #11
N0970	TETON ENERGY CO INC	1	WILDCAT	S140	E080	27	SWSW	4300730065		PA	99998	HALEY SIDING STATE #27-3
				S140	E080	36	NESE	4300730042		PA	99998	HALEY'S SIDING #36-4
		65	BLUEBELL	S010	W030	13	SWNE	4301330436		LA	99998	UTE TRIBAL #13-1
				S010	W030	14	NWNE	4301330437		LA	99998	UTE TRIBAL #14-1
				S010	W030	23	NENW	4301330438		LA	99998	UTE TRIBAL #23-1
		1	WILDCAT	S060	E200	8	NENW	4304730377		PA	99998	FEDERAL #1-8
N0980	TEXACO INC	200	FENCE CANYON	S155	E230	33	SWSE	4301916046	DKTA	SGW	7015	FENCE CNY U #3
		380	ISMAY	S400	E260	16	SWSE	4303715545	ISMY	POW	7010	ST WOOLLEY 2 (U416)
				S400	E260	16	SWNW	4303715546	ISMY	POW	7010	ST WOOLLEY 3 (S216)
		365	GREATER ANETH	S400	E230	12	SWSW	4303715822	DSCR	POW	7000	BURTON 14-12 (A412)
				S400	E230	13	NENW	4303715824	DSCR	POW	7000	BURTON 21-13 (B113)
				S400	E230	12	SWSE	4303715829	DSCR	POW	7000	BURTON 34-12 (C412)
				S400	E240	16	SWNE	4303715835	DSCR	POW	7000	ST THREE 32-16(G216)
				S400	E240	16	NESE	4303715837	DSCR	POW	7000	ST THREE 43-16(H316)
				S400	E230	14	SWSW	4303716031	DSCR	SOW	7000	ARROWHEAD 8 (A414)
				S400	E230	11	NESE	4303716037	DSCR	SOW	7000	MESA 2 (ANTH D311)
				S400	E240	15	SWNW	4303716058	IS-DC	POW	7000	NAV TRB E-2 (E215)
				S400	E240	15	NENW	4303716074	IS-DC	POW	7000	NAV TRB E-12 (F115)
				S400	E240	25	SENW	4303716080	DSCR	POW	7000	NAV TRB C-20 (F225)
				S400	E240	35	NWNE	4303716098	DSCR	PA	7000	NAV TRB Q-1 (G135)
				S400	E240	22	SWNE	4303716099	DSCR	POW	7000	NAV TRB D-1 (G222)
				S400	E240	15	SESE	4303716126	IS-DC	POW	7000	NAV TRB E-1 (H415)
		380	ISMAY	S400	E260	7	SWSW	4303716174	ISMY	POW	7010	NAV TRB H-2 (S407)
				S400	E260	17	SWSW	4303716175	ISMY	SOW	7010	NAV TRB J16 (S417)
				S400	E260	18	SWSW	4303716176	ISMY	SOW	7010	NAV TR K-10 (S418)
				S400	E260	17	SWNE	4303716180	ISMY	POW	7010	NAV TRB J12 (U217)
				S400	E260	18	SWNE	4303716181	ISMY	SOW	7010	NAV TR K-2 (U218)
				S400	E260	21	SWNE	4303716182	ISMY	PA	7010	NAV TR J-14 (U221)
				S400	E260	18	NENE	4303716189	ISMY	SOW	7010	NAV TR K-6 (V118)
		365	GREATER ANETH	S400	E240	34	NWNE	4303716225	DSCR	POW	7000	ANETH 34-C1 (G134)
				S400	E240	34	SESE	4303716230	IS-DC	POW	7000	ANETH 34-D4 (H434)
		380	ISMAY	S400	E260	27	SWNW	4303716231	ISMY	POW	7010	E ANETH 27A2 (S227)
		365	GREATER ANETH	S400	E240	11	SESE	4303716325	IS-DC	PA	99998	NAVAJO A 44-11 (ANETH H-4
		380	ISMAY	S400	E260	20	SENE	4303720055	ISMY	PA	7010	WATER WELL 2 (V220)
		365	GREATER ANETH	S400	E240	14	NWNW	4303730093	IS-DC	POW	7000	ANETH U E114
				S400	E240	7	NESW	4303730115	IS-DC	POW	7000	ANETH U F307
				S400	E240	21	NENW	4303730117	DSCR	POW	7000	ANETH U F121
				S400	E240	18	NESE	4303730136	IS-DC	POW	7000	ANETH U H318
				S400	E240	20	SWNW	4303730150	DSCR	POW	7000	ANETH U E220
				S400	E240	7	SWSE	4303730151	DSCR	POW	7000	ANETH U G407
				S400	E240	17	NENE	4303730153	DSCR	POW	7000	ANETH U H117
				S400	E240	18	NENW	4303730155	DSCR	WIW	7000	ANETH U F118
				S400	E230	13	NESE	4303730162	DSCR	POW	7000	ANETH U D313

Texaco Exploration and Production Inc
Midland Producing Division

P O Box 3109
Midland TX 79702-3109

RECEIVED
MAY 28 1991
DIVISION OF
OIL GAS & MINING

May 22, 1991

Division of Oil, Gas, and Mining
Attn: Ms. Lisha Romero
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen:

This is to advise that as a part of a reorganization of Texaco Inc., a Delaware corporation, the name of Texaco Producing Inc., a Delaware corporation and wholly owned subsidiary of Texaco Inc., has been changed to Texaco Exploration and Production Inc. Further, Texaco Exploration and Production Inc. will succeed to the rights, titles, interests and obligations of Texaco Inc.

This means that Texaco Exploration and Production Inc. will be the operator for all the oil and gas properties that were operated by Texaco Inc. and Texaco Producing Inc. We plan to abbreviate the name as Texaco E & P Inc. for purposes of submitting production reports, etc., via computer, and we suggest that for consistency you use that abbreviation also.

We have enclosed a Sundry Notice with a list of the wells which Texaco operates in Utah. Also attached is UIC Form 5 for transfer of injection authority. Please note that Texaco has two Divisions which operate wells in Utah. One is located in Denver, Colorado, and the other is in Midland, Texas. We have enclosed separate Sundry Notices and lists of wells for each Division. If you have questions concerning the Denver-operated wells, please call Roger Hadley at (303) 793-4833. If you have questions concerning the Midland-operated wells, please call Ken Miller at (915) 688-4834.

Please change any of your other records as necessary to reflect this change.

Yours very truly,

R S Lane

R. S. Lane
Assistant Division Manager

RKH/KMM-CC

Attachments

Form OGC-1b

SUBMIT IN TRIPLICATE
(See instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: Texaco Exploration and Production Inc.

3. ADDRESS OF OPERATOR: P.O. Box 46510, Denver, CO 80201

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

RECEIVED MAY 28 1991 DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

14. PERMIT NO.

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

12. COUNTY OR PARISH

13. STATE

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Transfer of Owner/Operator			☐
(Other) Transfer of Plugging Bond			X				

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

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.)*

Texaco Inc. has assigned all its ownership rights in the subject well. As of January 1, 1991, Texaco Inc. is no longer the Operator of subject well. The New Operator Texaco Exploration and Production Inc. hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Commission for proper plugging and surface restoration of the subject well.

Former Operator:

TEXACO INC.

Signed: [signature]
Attorney-In-Fact
for Texaco Inc.

Date: 3/1/91

New Operator:

Texaco Exploration and Production Inc.

Signed: [signature]

Title: Division Manager

Date: 3/1/91

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

SIGNED [signature] TITLE Division Manager DATE 3/1/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9

S' 'E OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT— for such proposals

8. Unit or Communitization Agreement

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other (specify)

9. Well Name and Number

2. Name of Operator
Texaco Exploration and Production Inc.

10. API Well Number

3. Address of Operator
3300 North Butler, Farmington, NM 87401

4. Telephone Number
(505) 325-4397

11. Field and Pool, or Wildcat

5. Location of Well
Footage :
QQ, Sec, T., R., M. : See Attached
County :
State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- [ ] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off
- [X] Other Transfer of Plugging Bond

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off
- [X] Other Change of Operator/Operator Name

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This submittal is for a change of operator (name change) for all of the attached wells. The new operator, Texaco Exploration and Production Inc., hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Department for proper plugging and surface restoration of the attached wells. All contact personnel, office addresses and phone numbers will remain the same.

FORMER OPERATOR: TEXACO INC.

SIGNED: R A Lane
Attorney-in-Fact

DATE: _____

NEW OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.

SIGNED: R A Lane
Assistant Division Manager

DATE: _____

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

Name & Signature _____ Title Asst. Div. Manager Date _____

(State Use Only)

ision of Oil, Gas and Mining
ERATOR CHANGE WORKSHEET

Routing:

1- LCR/GIL	✓
2- DTS/DTS	✓
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- LCR	✓

:ach all documentation received by the division regarding this change.
itial each listed item when completed. Write N/A if item is not applicable.

Change of Operator (well sold) ☐ Designation of Agent
Designation of Operator XXX Operator Name Change Only

e operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)
(TEXACO EXPLORATION AND PRODUCTION INC.)

) (new operator) TEXACO E & P INC.
(address) 3300 NORTH BUTLER
FARMINGTON, NM 87401
BRENT HELQUIST
phone (505) 325-4397
account no. N 5700 (6-5-91)

FROM (former operator) TEXACO INC.
(address) 3300 NORTH BUTLER
FARMINGTON, NM 87401
FRANK
phone (505) 325-4397
account no. N 0980

ell(s) (attach additional page if needed):

Name: (SEE ATTACHED) API: Entity: Sec Twp Rng Lease Type:
Name: API: Entity: Sec Twp Rng Lease Type:
Name: API: Entity: Sec Twp Rng Lease Type:
Name: API: Entity: Sec Twp Rng Lease Type:
Name: API: Entity: Sec Twp Rng Lease Type:
Name: API: Entity: Sec Twp Rng Lease Type:
Name: API: Entity: Sec Twp Rng Lease Type:

PERATOR CHANGE DOCUMENTATION

Lcr 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (5-28-91)

N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).

Lcr 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #114097.

Lcr 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.

Lcr 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-11-91)

Lcr 6. Cardex file has been updated for each well listed above.

Lcr 7. Well file labels have been updated for each well listed above. (will update when filing)

Lcr 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.

Lcr 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

– OVER –

ATOR CHANGE WORKSHEET (CONTINUED) Initia ch item when completed. Write N/A if tem is not applicable.

ITY REVIEW

21. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

12. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

D VERIFICATION (Fee wells only)

R1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #K0290791-4 80,000-Ins. Co. of N. America rec. 2-11-91.

R2. A copy of this form has been placed in the new and former operators' bond files.

R3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___. #m157448 80,000-Ins. Co. of N. America

SE INTEREST OWNER NOTIFICATION RESPONSIBILITY

A1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

S2. Copies of documents have been sent to State Lands for changes involving State leases. 6-27-91

MING

KWM

1. All attachments to this form have been microfilmed. Date: July 15 1991.

LING

1. Copies of all attachments to this form have been filed in each well file.

2. The original of this form and the original attachments have been filed in the Operator Change file.

MMENTS

910606 Bfm/Farmington N.M. - Duane Spencer (505) 327-5344 will follow up & call back.

910607 Bfm/Farmington - Approved 4-2-91 "Company Merger" Includes Aneth Unit and Ismay Flodine Unit.

910607 St. Lands approved 4-15-91 "Merger".

71/34-35

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No. ML-3156
6. If Indian, Alottee or Tribe Name NAVAJO TRIBE
7. If Unit or CA, Agreement Designation ANETH UNIT
8. Well Name and Number ANETH UNIT G216
9. API Well No. 4303715835
10. Field and Pool, Exploratory Area DESERT CREEK
11. County or Parish, State SAN JUAN , UTAH

1. Type of Well: ☑ OIL WELL ☐ GAS WELL ☐ OTHER
2. Name of Operator TEXACO EXPLORATION & PRODUCTION, INC.
3. Address and Telephone No. 3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter G : 1975 Feet From The NORTH Line and 3304 Feet From The WEST Line Section 16 Township T40S Range R24E

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☑ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Atlering Casing	☐ Conversion to Injection
	☑ OTHER: UPGRADE EQUIP	☐ Dispose Water

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

13. 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,)*.

***** THIS SUNDRY REPORT IS FOR UTAH SEVERANCE TAX CALCULATION INFORMATION PURPOSES ONLY *****

TEXACO E&P INC HAS UPGRADED PUMPING EQUIPMENT TO MORE CLOSELY MATCH PUMP CAPACITY WITH WELL PRODUCTION

6-4-96 MIRU, POOH W/ RODS & PUMP (1.5"), RIH W/ REDESIGNED ROD STRING & PUMP (1.75"), RDMO, PLACE WELL ON PRODUCTION

RECEIVED
DEC 15 1997
DIV. OF OIL, GAS & MINING

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

SIGNATURE [signature] TITLE ~~Senior Engineer~~ Oil Mgr DATE 12/5/97

TYPE OR PRINT NAME ~~Rached Hindi~~ ALLEN DAVIS

(This space for Federal or State office use)

APPROVED
CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WO tax credit 6/98

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: ML-3156

6. If Indian, Alottee or Tribe Name: NAVAJO TRIBE

7. If Unit or CA, Agreement Designation: ANETH UNIT

1. Type of Well: ☑ OIL WELL ☐ GAS WELL ☐ OTHER

8. Well Name and Number: ANETH UNIT G216

2. Name of Operator: TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No.: 3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397

9. API Well No.: 4303715835

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter G : 1975 Feet From The NORTH Line and 3304 Feet From The WEST Line Section 16 Township T40S Range R24E

10. Field and Pool, Exploratory Area: DESERT CREEK

11. County or Parish, State: SAN JUAN , UTAH

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☑ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Atlering Casing	☐ Conversion to Injection
	☑ OTHER: UPGRADE EQUIP	☐ Dispose Water

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

13. 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,)*.

***** THIS SUNDRY REPORT IS FOR UTAH SEVERANCE TAX CALCULATION INFORMATION PURPOSES ONLY *****

TEXACO E&P INC HAS UPGRADED PUMPING EQUIPMENT TO MORE CLOSELY MATCH PUMP CAPACITY WITH WELL PRODUCTION

12/31/97 MIRU, POOH W/ RODS & PUMP (1.75"), RIH W/ RODS & PUMP (2.0"), RDMO, PLACE WELL ON PRODUCTION

RECEIVED
FEB 17 1998
DIV. OF OIL, GAS & MINING

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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 2/9/98

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: ____ TITLE _____ DATE _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WO tax credit 7/98

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: ML-3156
6. If Indian, Alottee or Tribe Name: NAVAJO TRIBE
7. If Unit or CA, Agreement Designation: ANETH UNIT

1. Type of Well: ☑ OIL WELL ☐ GAS WELL ☐ OTHER
2. Name of Operator: TEXACO EXPLORATION & PRODUCTION, INC.
3. Address and Telephone No.: 3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter G : 1975 Feet From The NORTH Line and 3304 Feet From The WEST Line Section 16 Township T40S Range R24E

8. Well Name and Number: ANETH UNIT G216
9. API Well No.: 4303715835
10. Field and Pool, Exploratory Area: DESERT CREEK
11. County or Parish, State: SAN JUAN , UTAH

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☑ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Atlering Casing	☐ Conversion to Injection
	☑ OTHER: UPGRADE EQUIP	☐ Dispose Water

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

13. 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,)*.

***** THIS SUNDRY REPORT IS FOR UTAH SEVERANCE TAX CALCULATION INFORMATION PURPOSES ONLY *****

TEXACO E&P INC HAS UPGRADED PUMPING EQUIPMENT TO MORE CLOSELY MATCH PUMP CAPACITY WITH WELL PRODUCTION

5/12/98 MIRU, POOH TO ROD PART, FISHED RODS AND PUMP (2" PUMP), REPLACED ROD, RIH WITH 1.75" PUMP AND RODS, RDMO, PLACED WELL ON PRODUCTION.

RECEIVED
JUN 19 1998
DIV. OF OIL, GAS & MINING

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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 6/16/98

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: ____TITLE_____DATE_____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT –" for such proposals

5. Lease Designation and Serial No. ML-3156
6. If Indian, Alottee or Tribe Name NAVAJO TRIBE
7. If Unit or CA, Agreement Designation ANETH UNIT

SUBMIT IN TRIPLICATE

1. Type of Well: ☑ OIL WELL ☐ GAS WELL ☐ OTHER
2. Name of Operator TEXACO EXPLORATION & PRODUCTION, INC.
3. Address and Telephone No. 3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter G : 1975 Feet From The NORTH Line and 3304 Feet From The WEST Line Section 16 Township T40S Range R24E

8. Well Name and Number ANETH UNIT G216
9. API Well No. 4303715835
10. Field and Pool, Exploratory Area DESERT CREEK
11. County or Parish, State SAN JUAN, UTAH

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
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☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☑ OTHER: UPGRADE EQUIP	☐ Dispose Water

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

13. 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.)*.

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14. I hereby certify that the foregoing is true and correct
SIGNATURE Rached Hindi TITLE Senior Engineer DATE 6/16/98
TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED
CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NO tax credit 10/98

Chevron

Chevron U.S.A. Production Company
Mid-Continent Business Unit
P.O. Box 36366
Houston, TX 77236
Phone 713 754 2000

April 9, 2002

RECEIVED
2002
DIVISION OF
OIL, GAS AND MINING

Mr. John Baza,
Associate Director of Oil and Gas
Utah Department of Natural Resources
Division of Oil, Gas & Mining
1594 W. North Temple St., Suite 1210
Salt Lake City, UT 84114-5801

Dear Mr. Baza:

As you may recall from our meeting last year, we planned to combine the assets of Chevron U.S.A. Inc. ("CUSA"), by merger, and Texaco Exploration and Production Inc. ("TEPI"), by assignment, into a new entity which we referred to as "Newco LP". Along the way, additional information came to light and it was decided that this proposed corporate restructure would not be preferable. Therefore, CUSA and TEPI have continued to operate as separate entities.

We are now planning a simpler restructuring process where TEPI will assign most of its assets/operatorship to CUSA effective May 1, 2002. We plan to use the existing CUSA bonds/letters of credit, operator identification numbers, etc., for the TEPI assets that will be assigned.

A task force of Land, Regulatory and Environmental Compliance personnel are finishing the work that was begun last year to assign TEPI's assets—using the same forms and procedures as before. We have "new faces" in this task force due to reassignments and departures. In some cases, it may be worthwhile to visit you and your staff in person where new people are involved or if we need to review/clarify your forms and procedures. Otherwise, we will endeavor to complete the work to assign TEPI's assets/operatorship to CUSA and deliver the requisite materials to you in a timely manner.

During discussions last year, our focus was on Land, Regulatory and Environmental matters. The Finance organization also desires to join in this effort. For State Tax, Royalty and Regulatory reporting purposes (applicable to production from May 2002 through December 2002), we intend to generate two reports and two payments.

However, the reporting company name and identification number will be CUSA's. Beginning with January 2003 production and thereafter, we will issue only one CUSA report and payment. We trust this plan meets with your approval. Any questions or comments should be directed to Rick Dunlavy (telephone 713/752-7411, rickdunlavy@chevrontexaco.com).

We appreciate the cooperation and guidance you provided us in the past, and we look forward to bringing these efforts to a conclusion.

Respectfully submitted,

Don R. Sellars

Don R. Sellars
Sr. Environmental Specialist

Chevron U.S.A. Inc.
Permian Business Unit
Aneth Operations
San Juan County, Utah

Name / Operatorship Change
Texaco Exploration and Production Inc.
to
Chevron U.S.A. Inc.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	11	400S	230E	4303716034	MESA 1 (ANETH C411)	1	I	WI
N5700	11	400S	230E	4303716037	MESA 2 (ANTH D311)	1	S	OW
N5700	12	400S	230E	4303715822	BURTON 14-12 (A412)	1	P	OW
N5700	12	400S	230E	4303715829	BURTON 34-12 (C412)	1	P	OW
N5700	12	400S	230E	4303715831	BURTON 43-12 (D312)	1	P	OW
N5700	12	400S	230E	4303716272	BURTON 23-12 (ANETH B312)	1	A	WI
N5700	12	400S	230E	4303716274	BURTON 31-12 (ANETH C-112)	1	I	WI
N5700	12	400S	230E	4303716278	BURTON 42-12 (ANETH D212)	1	A	WI
N5700	12	400S	230E	4303730049	ANETH UNIT D-412	1	A	WI
N5700	12	400S	230E	4303730112	ANETH UNIT C-312	1	A	WI
N5700	12	400S	230E	4303731537	ANETH B412	1	S	OW
N5700	13	400S	230E	4303715821	BURTON 12-13 (A213)	1	P	OW
N5700	13	400S	230E	4303715823	BURTON 14-13 (A413)	1	P	OW
N5700	13	400S	230E	4303715824	BURTON 21-13 (B113)	1	S	OW
N5700	13	400S	230E	4303715825	BURTON 22-13 (ANETH B-213)	1	A	WI
N5700	13	400S	230E	4303715826	ANETH UNIT B313	1	P	OW
N5700	13	400S	230E	4303715827	BURTON 31-13 (ANETH C-113)	1	A	WI
N5700	13	400S	230E	4303715828	BURTON 33-13 (ANETH C-313)	1	A	WI
N5700	13	400S	230E	4303715830	BURTON 42-13 (D213)	1	A	WI
N5700	13	400S	230E	4303716279	BURTON 44-13 (ANETH D-413)	1	A	WI
N5700	13	400S	230E	4303730119	ANETH UNIT A-113	1	A	WI
N5700	13	400S	230E	4303730162	ANETH U D313	1	S	OW
N5700	13	400S	230E	4303730173	ANETH U C213	1	P	OW
N5700	13	400S	230E	4303730174	ANETH UNIT D113	1	A	WI
N5700	13	400S	230E	4303730297	ANETH B-413	1	A	WI
N5700	13	400S	230E	4303730298	ANETH U C413	1	P	OW
N5700	13	400S	230E	4303730299	ANETH UNIT A-313	1	A	WI
N5700	13	400S	230E	4303731076	ANETH UNIT C313SE	1	S	OW
N5700	13	400S	230E	4303731382	ANETH UNIT D-113SE	2	P	OW
N5700	13	400S	230E	4303731383	ANETH UNIT D213SE	1	P	OW
N5700	14	400S	230E	4303716030	ARROWHEAD 7 (A214)	1	P	OW
N5700	14	400S	230E	4303716031	ARROWHEAD 8 (A414)	1	S	OW

Chevron U.S.A. Inc.
Permian Business Unit
Aneth Operations
San Juan County, Utah

Name / Operatorship Change
Texaco Exploration and Production Inc.
to
Chevron U.S.A. Inc.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	14	400S	230E	4303716032	ARROWHEAD 6 (ANETH B-114)	1	A	WI
N5700	14	400S	230E	4303716033	ARROWHEAD 3 (ANETH C-214)	1	A	WI
N5700	14	400S	230E	4303716035	ARROWHEAD 5 (ANETH C-414)	1	A	WI
N5700	14	400S	230E	4303716038	ARROWHEAD 4 (ANETH D-314)	1	A	WI
N5700	14	400S	230E	4303716273	ARROWHEAD 2 (ANETH B-314)	1	A	WI
N5700	14	400S	230E	4303716277	ARROWHEAD 1 (ANETH D-114)	1	A	WI
N5700	14	400S	230E	4303730634	ANETH U A114	1	S	OW
N5700	14	400S	230E	4303730635	ANETH U B214	1	P	OW
N5700	14	400S	230E	4303730636	ANETH U C114	1	S	OW
N5700	14	400S	230E	4303730637	ANETH U C314	1	P	OW
N5700	14	400S	230E	4303730638	ANETH U D214	1	P	OW
N5700	14	400S	230E	4303730639	ANETH U D414	1	S	OW
N5700	23	400S	230E	4303716036	AW RICE 1 (D123)	1	P	OW
N5700	23	400S	230E	4303716271	A W RICE 2 (ANETH B-123)	1	A	WI
N5700	23	400S	230E	4303716276	A W RICE 3 (ANETH C-223)	1	A	WI
N5700	24	400S	230E	4303715701	FED B-1 (D124)	1	P	OW
N5700	24	400S	230E	4303716270	FEDERAL A-1 (ANETH A-124)	1	A	WI
N5700	24	400S	230E	4303716275	FEDERAL 1 (ANETH C-124)	1	A	WI
N5700	07	400S	240E	4303715412	W ISMY FED 3 (ANETH E307)	1	A	WI
N5700	07	400S	240E	4303715415	W ISMAY FED 2 (ANETH F-407)	1	A	WI
N5700	07	400S	240E	4303716100	NAVAJO FED 6-1 (ANETH G-307)	1	A	WI
N5700	07	400S	240E	4303716118	NAVAJO FED 7-1 (ANETH H-207)	1	I	WI
N5700	07	400S	240E	4303716283	GULF-AZTEC FED 7 (ANETH E-207)	1	A	WI
N5700	07	400S	240E	4303716322	NAVAJO TRIBE FED 5-1 (ANETH H-407)	2	A	WI
N5700	07	400S	240E	4303730115	ANETH U F307	1	P	OW
N5700	07	400S	240E	4303730122	ANETH U H307	2	P	OW
N5700	07	400S	240E	4303730151	ANETH U G407	1	P	OW
N5700	07	400S	240E	4303730175	ANETH U E407	1	A	WI
N5700	07	400S	240E	4303731386	ANETH UNIT E407SW	1	P	OW
N5700	08	400S	240E	4303716060	NAVAJO TRIBE E-15 (ANETH E-308)	2	A	WI
N5700	08	400S	240E	4303716076	NAVAJO FED 8-1 (ANETH F-208)	2	A	WI
N5700	08	400S	240E	4303716101	NAVAJO TRIBE L-6 (ANETH G-308)	2	A	WI

Chevron U.S.A. Inc.
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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	08	400S	240E	4303716119	NAVAJO TRIBE E-16 (ANETH H-208)	2	A	WI
N5700	08	400S	240E	4303716284	NAVAJO FED 9-1 (ANETH E-208)	2	A	WI
N5700	08	400S	240E	4303716298	NAVAJO TRIBE E-13 (ANETH F-408)	2	A	WI
N5700	08	400S	240E	4303716323	NAVAJO TRIBE L-3 (ANETH H-408)	2	A	WI
N5700	08	400S	240E	4303730152	ANETH U G408	2	P	OW
N5700	08	400S	240E	4303730159	ANETH U E408	2	P	OW
N5700	08	400S	240E	4303730176	ANETH U F308	2	P	OW
N5700	08	400S	240E	4303730177	ANETH U H308	2	P	OW
N5700	08	400S	240E	4303730178	ANETH U G208	2	P	OW
N5700	09	400S	240E	4303716057	NAV TRB E-18 (E209)	2	P	OW
N5700	09	400S	240E	4303716061	NAVAJO TRIBE E-14 (ANETH E-309)	2	A	WI
N5700	09	400S	240E	4303716082	NAVAJO TRIBE E-4 (ANETH F-409)	2	A	WI
N5700	09	400S	240E	4303716102	NAV TRB E-3 (G309)	2	P	OW
N5700	09	400S	240E	4303716324	ANETH H 409	2	P	OW
N5700	09	400S	240E	4303730189	ANETH U E409	2	P	OW
N5700	10	400S	240E	4303716125	NAVAJO TRIBE E-7 (ANETH H-410)	2	I	WI
N5700	11	400S	240E	4303715940	ANETH UNIT E-411	2	A	WI
N5700	11	400S	240E	4303715944	NAVAJO A-10/34-11 (ANETH G-411)	2	A	WI
N5700	11	400S	240E	4303716295	NAVAJO A-12/23-11 (ANETH F-311)	2	A	WI
N5700	11	400S	240E	4303730217	ANETH UNIT F411	2	P	OW
N5700	13	400S	240E	4303715938	NAV TRIBE A-13 (ANETH E-213)	2	A	WI
N5700	13	400S	240E	4303715941	NAVAJO A-4 (ANETH E-413)	2	A	WI
N5700	13	400S	240E	4303730200	ANETH U E313	2	P	OW
N5700	14	400S	240E	4303715939	NAVAJO A-6 (ANETH E-214)	2	A	WI
N5700	14	400S	240E	4303715942	ANETH F-314	2	A	WI
N5700	14	400S	240E	4303715943	NAVAJO A-7/32-14 (ANETH G-214)	2	A	WI
N5700	14	400S	240E	4303715945	NAVAJO A-1/34-14 (ANETH G-414)	2	A	WI
N5700	14	400S	240E	4303716310	NAVAJO A-9/41-14 (ANETH H-114)	2	A	WI
N5700	14	400S	240E	4303716421	ANETH UNIT E414	2	A	WI
N5700	14	400S	240E	4303716422	ANETH UNIT F-114	2	A	WI
N5700	14	400S	240E	4303730093	ANETH UNIT E114	2	P	OW
N5700	14	400S	240E	4303730123	ANETH UNIT H414 (MULTI-LEG)	2	P	OW

Chevron U.S.A. Inc.
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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	14	400S	240E	4303730218	ANETH UNIT G114	2	P	OW
N5700	14	400S	240E	4303730230	ANETH UNIT G314	2	P	OW
N5700	14	400S	240E	4303730250	ANETH U F214	2	P	OW
N5700	14	400S	240E	4303730266	ANETH UNIT E314	2	P	OW
N5700	14	400S	240E	4303730274	ANETH UNIT F414	2	P	OW
N5700	14	400S	240E	4303731381	ANETH UNIT H314X	2	I	WI
N5700	14	400S	240E	4303731684	ANETH UNIT F214SE	2	P	OW
N5700	15	400S	240E	4303716058	NAV TRB E-2 (E215)	2	P	OW
N5700	15	400S	240E	4303716073	NAV TRB E-6 (E415)	2	P	OW
N5700	15	400S	240E	4303716074	NAV TRB E-12 (F115)	2	S	OW
N5700	15	400S	240E	4303716088	NAVAJO TRIBAL E-9 (ANETH G115)	2	P	OW
N5700	15	400S	240E	4303716116	ANETH G-415	2	A	WI
N5700	15	400S	240E	4303716126	NAV TRB E-1 (H415)	2	P	OW
N5700	15	400S	240E	4303716296	NAVAJO TRIBAL E-8 (ANETH F-315)	2	A	WI
N5700	15	400S	240E	4303730066	ANETH U G215	2	S	OW
N5700	15	400S	240E	4303730213	ANETH E-315	2	A	WI
N5700	15	400S	240E	4303730312	ANETH H-315	2	A	WI
N5700	15	400S	240E	4303731396	ANETH UNIT E115	2	P	OW
N5700	15	400S	240E	4303731397	ANETH UNIT F215	2	P	OW
N5700	15	400S	240E	4303731398	ANETH UNIT F415	2	P	OW
N5700	15	400S	240E	4303731408	ANETH UNIT G315X	2	P	OW
N5700	16	400S	240E	4303715832	STATE THREE 11-16 (ANETH E-116)	3	A	WI
N5700	16	400S	240E	4303715833	ST THREE 12-16(E216)	3	P	OW
N5700	16	400S	240E	4303715834	ST THREE 14-16(E416)	3	P	OW
N5700	16	400S	240E	4303715835	ST THREE 32-16(G216)	3	P	OW
N5700	16	400S	240E	4303715836	ST THREE 34-16(G416)	3	P	OW
N5700	16	400S	240E	4303715837	ST THREE 43-16(H316)	3	P	OW
N5700	16	400S	240E	4303716285	ST THREE 21-16 (ANETH F-116)	3	A	WI
N5700	16	400S	240E	4303716297	ST THREE 23-16 (ANETH F-316)	3	A	WI
N5700	16	400S	240E	4303716312	STATE THREE 42-16 (ANETH H-216)	3	A	WI
N5700	16	400S	240E	4303720230	ANETH H-416	3	A	WI
N5700	16	400S	240E	4303730094	ANETH E-316	3	A	WI

Chevron U.S.A. Inc.
Permian Business Unit
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Name / Operatorship Change
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to
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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	16	400S	240E	4303730107	ANETH G-316	3	A	WI
N5700	16	400S	240E	4303730212	ANETH U F216	3	P	OW
N5700	16	400S	240E	4303730333	ANETH F-416	3	A	WI
N5700	16	400S	240E	4303730344	ANETH G-116	3	A	WI
N5700	16	400S	240E	4303731409	ANETH UNIT H116	3	P	OW
N5700	17	400S	240E	4303716049	ANETH UNIT E-117	2	A	WI
N5700	17	400S	240E	4303716062	NAVAJO TRIBAL G-7 (ANETH E317)	2	A	WI
N5700	17	400S	240E	4303716089	NAVAJO TRIBAL G-3 (ANETH G-117)	2	A	WI
N5700	17	400S	240E	4303716103	NAVAJO TRIBAL 1-X-G (ANETH G-317)	2	A	WI
N5700	17	400S	240E	4303716286	NAVAJO TRIBAL G-8 (ANETH F-217)	2	A	WI
N5700	17	400S	240E	4303716299	NAVAJO TRIBAL G-6 (ANETH F-417)	2	A	WI
N5700	17	400S	240E	4303716313	NAV TRIBAL L-4 (ANETH H-217)	2	A	WI
N5700	17	400S	240E	4303716326	NAVAJO TRIBAL L-1 (ANETH H-417)	2	A	WI
N5700	17	400S	240E	4303730134	ANETH U E417	2	P	OW
N5700	17	400S	240E	4303730139	ANETH U F317	2	P	OW
N5700	17	400S	240E	4303730142	ANETH U E217	2	P	OW
N5700	17	400S	240E	4303730144	ANETH U G417	2	P	OW
N5700	17	400S	240E	4303730153	ANETH U H117	2	P	OW
N5700	17	400S	240E	4303730160	ANETH U F117	2	P	OW
N5700	17	400S	240E	4303730166	ANETH U G217	2	P	OW
N5700	17	400S	240E	4303730196	ANETH U H317	2	P	OW
N5700	18	400S	240E	4303715083	NAVAJO TRIBAL FED U 3	2	A	WI
N5700	18	400S	240E	4303715413	ANETH U E-118 (W ISMY FED 1)	1	A	WI
N5700	18	400S	240E	4303716063	NAVAJO TRIBAL 4 (ANETH E-318)	1	A	WI
N5700	18	400S	240E	4303716090	NAVAJO TRIBE 2 (ANETH G-118)	2	A	WI
N5700	18	400S	240E	4303716104	NAVAJO TRIBE G-4 (ANETH G-318)	2	A	WI
N5700	18	400S	240E	4303716120	NAVAJO TRIBAL G-5 (ANETH H-218)	2	A	WI
N5700	18	400S	240E	4303716287	NAVAJO FED U 1 (ANETH F-218)	2	A	WI
N5700	18	400S	240E	4303716327	NAVAJO TRIBAL G-2 (ANETH H-418)	2	A	WI
N5700	18	400S	240E	4303730131	ANETH U G218	2	P	OW
N5700	18	400S	240E	4303730132	ANETH U G418	2	P	OW
N5700	18	400S	240E	4303730136	ANETH U H318	2	P	OW

Chevron U.S.A. Inc.
Permian Business Unit
Aneth Operations
San Juan County, Utah

Name / Operatorship Change
Texaco Exploration and Production Inc.
to
Chevron U.S.A. Inc.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	18	400S	240E	4303730137	ANETH U E218	1	A	WI
N5700	18	400S	240E	4303730155	ANETH U F118	1	A	WI
N5700	18	400S	240E	4303730157	ANETH U H118	2	P	OW
N5700	18	400S	240E	4303730165	ANETH U E418	1	P	OW
N5700	18	400S	240E	4303730169	ANETH U F318	2	P	OW
N5700	18	400S	240E	4303731077	ANETH UNIT E118SE	1	P	OW
N5700	18	400S	240E	4303731385	ANETH UNIT E218SE	1	P	OW
N5700	18	400S	240E	4303731534	ANETH E407SE	1	P	OW
N5700	19	400S	240E	4303716077	NAVAJO TRIBE D-26 (ANETH F-219)	2	A	WI
N5700	19	400S	240E	4303716081	NAV TRB D-29(F319)	2	P	OW
N5700	19	400S	240E	4303716091	NAVAJO TRIBE D-16 (ANETH G-119)	2	A	WI
N5700	19	400S	240E	4303716121	NAVAJO TRIBE D-3 (ANETH H-219)	2	A	WI
N5700	19	400S	240E	4303716280	NAVAJO FED U B-1 (ANETH E-119)	2	A	WI
N5700	19	400S	240E	4303716309	NAVAJO TRIBE D-25 (ANETH G-319)	2	A	WI
N5700	19	400S	240E	4303716328	NAVAJO TRIBE D-27 (ANETH H-419)	2	A	WI
N5700	19	400S	240E	4303730133	ANETH U H119	2	P	OW
N5700	19	400S	240E	4303730167	ANETH U G219	2	P	OW
N5700	19	400S	240E	4303730168	ANETH U H319	2	P	OW
N5700	19	400S	240E	4303730197	ANETH U F119	2	P	OW
N5700	20	400S	240E	4303716050	NAVAJO TRIBE D-10 (ANETH E-120)	2	A	WI
N5700	20	400S	240E	4303716065	NAVAJO TRIBE D-17 (ANETH E-320)	2	A	WI
N5700	20	400S	240E	4303716092	NAVAJO TRIBE L-5 (ANETH G-120)	2	A	WI
N5700	20	400S	240E	4303716105	NAVAJO TRIBE D-12 (ANETH G-320)	2	A	WI
N5700	20	400S	240E	4303716288	NAVAJO TRIBE D-8 (ANETH F-220)	2	A	WI
N5700	20	400S	240E	4303716300	NAVAJO TRIBE D-20 (ANETH F-420)	2	A	WI
N5700	20	400S	240E	4303716314	NAVAJO TRIBE L-2 (ANETH H-220)	2	A	WI
N5700	20	400S	240E	4303716329	NAVAJO TRIBE D-13 (ANETH H-420)	2	A	WI
N5700	20	400S	240E	4303730135	ANETH U F120	2	P	OW
N5700	20	400S	240E	4303730150	ANETH U E220	2	P	OW
N5700	20	400S	240E	4303730154	ANETH U H320	2	P	OW
N5700	20	400S	240E	4303730156	ANETH U G220	2	P	OW
N5700	20	400S	240E	4303730164	ANETH U F320	2	P	OW

Chevron U.S.A. Inc.
Permian Business Unit
Aneth Operations
San Juan County, Utah

Name / Operatorship Change
Texaco Exploration and Production Inc.
to
Chevron U.S.A. Inc.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	20	400S	240E	4303730228	ANETH U G420	2	P	OW
N5700	20	400S	240E	4303730404	ANETH U H120X	2	P	OW
N5700	21	400S	240E	4303716051	NAVAJO TRIBE D-4 (ANETH E-121)	2	A	WI
N5700	21	400S	240E	4303716066	NAVAJO TRIBE D-14 (ANETH E-321)	2	A	WI
N5700	21	400S	240E	4303716078	NAVAJO TRIBE D-6 (ANETH F-221)	2	A	WI
N5700	21	400S	240E	4303716084	NAVAJO TRIBE D-21 (ANETH F-421)	2	A	WI
N5700	21	400S	240E	4303716122	NAVAJO TRIBE D-7 (ANETH H-221)	2	A	WI
N5700	21	400S	240E	4303716330	NAVAJO TRIBE D-24 (ANETH H-421)	2	A	WI
N5700	21	400S	240E	4303730095	ANETH G-321X	2	A	WI
N5700	21	400S	240E	4303730117	ANETH U F121	2	P	OW
N5700	21	400S	240E	4303730181	ANETH U E221	2	P	OW
N5700	21	400S	240E	4303730183	ANETH U H121	2	P	OW
N5700	21	400S	240E	4303730185	ANETH U F321	2	P	OW
N5700	21	400S	240E	4303730188	ANETH U E421	2	P	OW
N5700	21	400S	240E	4303730214	ANETH U G421	2	P	OW
N5700	21	400S	240E	4303730216	ANETH U H321	2	P	OW
N5700	21	400S	240E	4303730335	ANETH G-121X	2	A	WI
N5700	21	400S	240E	4303730516	ANETH U G221X	2	P	OW
N5700	21	400S	240E	4303731078	ANETH UNIT E121SE	2	P	OW
N5700	22	400S	240E	4303716059	NAV TRB D-9 (E222)	2	P	OW
N5700	22	400S	240E	4303716067	NAVAJO TRIBE D-19 (ANETH E-322)	2	A	WI
N5700	22	400S	240E	4303716075	NAV TRB D-11 (F122)	2	P	OW
N5700	22	400S	240E	4303716085	NAVAJO TRIBE D-23 (ANETH F-422)	2	A	WI
N5700	22	400S	240E	4303716099	NAV TRB D-1 (G222)	2	P	OW
N5700	22	400S	240E	4303716117	NAVAJO TRIBE D-2 (ANETH H-122)	2	A	WI
N5700	22	400S	240E	4303716127	NAVAJO TRIBE D-22 (ANETH H-422)	2	I	WI
N5700	22	400S	240E	4303720231	ANETH G-322X	2	A	WI
N5700	22	400S	240E	4303730215	ANETH E-122	2	A	WI
N5700	22	400S	240E	4303730242	ANETH H-222	2	A	WI
N5700	22	400S	240E	4303730345	ANETH U F322	2	P	OW
N5700	22	400S	240E	4303730346	ANETH U E422	2	P	OW
N5700	22	400S	240E	4303730373	ANETH F-222	2	A	WI

Chevron U.S.A. Inc.
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Name / Operatorship Change
Texaco Exploration and Production Inc.
to
Chevron U.S.A. Inc.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	22	400S	240E	4303730375	ANETH U G422	2	P	OW
N5700	22	400S	240E	4303730407	ANETH U H322	2	P	OW
N5700	22	400S	240E	4303730425	ANETH G-122	2	A	WI
N5700	23	400S	240E	4303716052	NAV TRB C-2 (E123)	2	P	OW
N5700	23	400S	240E	4303716068	NAVAJO TRIBE C-12 (ANETH E-323)	2	A	WI
N5700	23	400S	240E	4303716079	NAVAJO TRIBE C-7 (ANETH F-223)	2	A	WI
N5700	23	400S	240E	4303716086	NAVAJO TRIBE C-17 (ANETH F-423)	2	A	WI
N5700	23	400S	240E	4303716123	NAVAJO TRIBE C-8 (ANETH H-223)	2	A	WI
N5700	23	400S	240E	4303716128	NAVAJO TRIBE C-3 (ANETH H-423)	2	A	WI
N5700	23	400S	240E	4303716306	NAVAJO TRIBE C-1 (ANETH G-123)	2	A	WI
N5700	23	400S	240E	4303730219	ANETH U E223	2	P	OW
N5700	23	400S	240E	4303730223	ANETH U H123	2	P	OW
N5700	23	400S	240E	4303730226	ANETH U G223	2	P	OW
N5700	23	400S	240E	4303730234	ANETH U F323	2	P	OW
N5700	23	400S	240E	4303730235	ANETH F-123	2	A	WI
N5700	23	400S	240E	4303730311	ANETH UNIT G423 (MULTI-LEG)	2	P	OW
N5700	23	400S	240E	4303730316	ANETH U H323	2	P	OW
N5700	23	400S	240E	4303730370	ANETH U E423	2	P	OW
N5700	24	400S	240E	4303716069	NAVAJO TRIBE C-10 (ANETH E-324)	2	A	WI
N5700	24	400S	240E	4303716087	NAVAJO TRIBE C-13 (ANETH F-424)	2	A	WI
N5700	24	400S	240E	4303716111	NAVAJO TRIBE C-15 (ANETH G-324)	2	A	WI
N5700	24	400S	240E	4303716289	NAVAJO TRIBE C-16 (ANETH F-224)	2	A	WI
N5700	24	400S	240E	4303716331	NAVAJO TRIBE C-28 (ANETH H-424)	2	A	WI
N5700	24	400S	240E	4303730231	ANETH U E224	2	P	OW
N5700	24	400S	240E	4303730334	ANETH U G424	2	P	OW
N5700	24	400S	240E	4303730349	ANETH U F324	2	P	OW
N5700	24	400S	240E	4303730350	ANETH U E424	2	P	OW
N5700	25	400S	240E	4303716070	NAVAJO TRIBE C-21 (ANETH E-325)	2	A	WI
N5700	25	400S	240E	4303716080	NAVAJO TRIBE C-20 (F225)	2	A	WI
N5700	25	400S	240E	4303716095	ANETH UNIT G125	2	A	WI
N5700	25	400S	240E	4303716124	NAVAJO TRIBE C-11 (ANETH H-225)	2	A	WI
N5700	25	400S	240E	4303716129	NAVAJO TRIBE C-24 (ANETH H-425)	2	A	WI

Chevron U.S.A. Inc.
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Name / Operatorship Change
Texaco Exploration and Production Inc.
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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	25	400S	240E	4303716301	NAVAJO TRIBE C-32 (ANETH F-425)	2	A	WI
N5700	25	400S	240E	4303730221	ANETH U F125	2	P	OW
N5700	25	400S	240E	4303730222	ANETH U G225	2	P	OW
N5700	25	400S	240E	4303730233	ANETH U E225	2	P	OW
N5700	25	400S	240E	4303730237	ANETH UNIT F325	2	P	OW
N5700	25	400S	240E	4303730238	ANETH U G425	2	P	OW
N5700	25	400S	240E	4303730239	ANETH UNIT H325	2	P	OW
N5700	25	400S	240E	4303730308	ANETH U H125	2	P	OW
N5700	25	400S	240E	4303730343	ANETH UNIT E425	2	P	OW
N5700	25	400S	240E	4303730374	ANETH U G325X	2	P	OW
N5700	26	400S	240E	4303716054	NAVAJO TRIBE C-29 (ANETH E-126)	2	A	WI
N5700	26	400S	240E	4303716071	NAVAJO TRIBE C-30 (ANETH E-326)	2	A	WI
N5700	26	400S	240E	4303716113	NAVAJO TRIBE C-27 (ANETH G-326)	2	A	WI
N5700	26	400S	240E	4303716290	NAVAJO TRIBE C-23 (ANETH F-226)	2	A	WI
N5700	26	400S	240E	4303716302	NAVAJO TRIBE C-4 (ANETH F-426)	2	A	WI
N5700	26	400S	240E	4303716316	NAVAJO TRIBE C-19 (ANETH H-226)	2	A	WI
N5700	26	400S	240E	4303716332	NAVAJO TRIBE C-31 (ANETH H-426)	2	A	WI
N5700	26	400S	240E	4303730220	ANETH U E426	2	P	OW
N5700	26	400S	240E	4303730232	ANETH U F326	2	P	OW
N5700	26	400S	240E	4303730236	ANETH U G426	2	P	OW
N5700	26	400S	240E	4303730310	ANETH UNIT F126	2	P	OW
N5700	26	400S	240E	4303730348	ANETH U H126	2	P	OW
N5700	26	400S	240E	4303730368	ANETH U H326	2	P	OW
N5700	26	400S	240E	4303730369	ANETH U G226	2	P	OW
N5700	26	400S	240E	4303730371	ANETH U E226	2	P	OW
N5700	26	400S	240E	4303730372	ANETH G-126X	2	A	WI
N5700	27	400S	240E	4303716223	ANETH 27-B2 (ANETH F-227)	2	I	WI
N5700	27	400S	240E	4303716226	ANETH A 27-03 (G327)	2	P	OW
N5700	27	400S	240E	4303716307	ANETH 27-C-1 (ANETH G-127)	2	A	WI
N5700	27	400S	240E	4303716317	ANETH 27-D2 (ANETH H-227)	2	A	WI
N5700	27	400S	240E	4303716333	ANETH 27-D-4 (ANETH H-427)	2	A	WI
N5700	27	400S	240E	4303716782	ANETH 27-A-1 (ANETH E-127)	2	A	WI

Chevron U.S.A. Inc.
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Name / Operatorship Change
Texaco Exploration and Production Inc.
to
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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	27	400S	240E	4303730643	ANETH U H127	2	P	OW
N5700	27	400S	240E	4303730718	ANETH U F127	2	P	OW
N5700	28	400S	240E	4303716222	ANETH 28-A-1 (ANETH E-128)	2	A	WI
N5700	28	400S	240E	4303716224	ANETH 28-C-1 (ANETH G-128)	2	A	WI
N5700	28	400S	240E	4303716228	ANETH H-228	2	A	WI
N5700	28	400S	240E	4303730644	ANETH U H128	2	S	OW
N5700	28	400S	240E	4303730728	ANETH U F128	2	P	OW
N5700	29	400S	240E	4303716055	NAVAJO TRIBE S-2 (ANETH E-129)	2	A	WI
N5700	29	400S	240E	4303716097	NAVAJO TRIBE S-1 (ANETH G-129)	2	A	WI
N5700	29	400S	240E	4303716114	NAV TRB AB-1 (G329)	2	P	OW
N5700	29	400S	240E	4303716292	NAVAJO TRIBE S-4 (ANETH F-229)	2	I	WI
N5700	29	400S	240E	4303716318	NAVAJO TRIBE S-3 (ANETH H-229)	2	A	WI
N5700	29	400S	240E	4303730187	ANETH U F129	2	P	OW
N5700	29	400S	240E	4303731529	ANETH H129	2	P	OW
N5700	33	400S	240E	4303716229	ANETH 33-D4 (H433)	2	P	OW
N5700	34	400S	240E	4303716225	ANETH 34-C1 (G134)	2	P	OW
N5700	34	400S	240E	4303716227	ANETH 34-C3 (G334)	2	P	OW
N5700	34	400S	240E	4303716230	ANETH 34-D4 (H434)	2	S	OW
N5700	34	400S	240E	4303716303	ANETH 34-B-4 (ANETH F-434)	2	A	WI
N5700	34	400S	240E	4303716319	ANETH 34-D2 (ANETH H-234)	2	I	WI
N5700	35	400S	240E	4303716056	NAVAJO TRIBE Q-3 (E135)	2	P	OW
N5700	35	400S	240E	4303716072	NAVAJO TRIBE Q-2 (E335)	2	P	OW
N5700	35	400S	240E	4303716115	NAV TRB Q-6 (G335)	2	P	OW
N5700	35	400S	240E	4303716130	NAVAJO TRIBE Q-7 (H435)	2	P	OW
N5700	35	400S	240E	4303716293	NAVAJO TRIBE Q-5 (ANETH F-235)	2	A	WI
N5700	35	400S	240E	4303716304	NAVAJO TRIBE Q-8 (ANETH F-435)	2	A	WI
N5700	35	400S	240E	4303716320	NAVAJO TRIBE Q-4 (ANETH H-235)	2	A	WI
N5700	35	400S	240E	4303730412	ANETH U H335	2	P	OW
N5700	35	400S	240E	4303731531	ANETH H135	2	P	OW
N5700	36	400S	240E	4303715485	NAVAJO 4 (ANETH E-136)	2	A	WI
N5700	36	400S	240E	4303715486	NAV TRB 2-A (G136)	2	A	WI
N5700	36	400S	240E	4303715487	NAVAJO 1 (ANETH H-236)	2	A	WI

Chevron U.S.A. Inc.
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Name / Operatorship Change
Texaco Exploration and Production Inc.
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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	36	400S	240E	4303716294	NAVAJO 3 (ANETH F-236)	2	A	WI
N5700	36	400S	240E	4303730227	ANETH U H136	2	P	OW
N5700	36	400S	240E	4303730409	ANETH U F136	2	P	OW
N5700	36	400S	240E	4303730410	ANETH U G236	2	P	OW
N5700	36	400S	240E	4303730716	ANETH U E236	2	P	OW
N5700	19	400S	250E	4303716140	ANETH UNIT L-419	2	A	WI
N5700	29	400S	250E	4303716131	NAVAJO TRIBE F-8 (ANETH J-129)	2	A	WI
N5700	29	400S	250E	4303730645	ANETH U J229	2	S	OW
N5700	30	400S	250E	4303716132	NAVAJO TRIBE F-9 (ANETH J-130)	2	A	WI
N5700	30	400S	250E	4303716134	NAVAJO TRIBE F-5 (ANETH J-330)	2	A	WI
N5700	30	400S	250E	4303716135	NAVAJO TRIBE F-2 (ANETH K-230)	2	A	WI
N5700	30	400S	250E	4303716137	NAVAJO TRIBE F-7 (ANETH K-430)	2	A	WI
N5700	30	400S	250E	4303716138	NAV TRB F-12 (L130)	2	P	OW
N5700	30	400S	250E	4303716139	NAVAJO TRIBE F-6 (ANETH L-330)	2	A	WI
N5700	30	400S	250E	4303716141	NAVAJO TRIBE F-10 (ANETH M-230)	2	A	WI
N5700	30	400S	250E	4303716337	NAVAJO TRIBE F-11 (ANETH M-430)	2	A	WI
N5700	30	400S	250E	4303730224	ANETH U K330	2	P	OW
N5700	30	400S	250E	4303730225	ANETH U M330	2	P	OW
N5700	30	400S	250E	4303730240	ANETH UNIT J230	2	P	OW
N5700	30	400S	250E	4303730241	ANETH U L230	2	P	OW
N5700	30	400S	250E	4303730243	ANETH U J430	2	P	OW
N5700	30	400S	250E	4303730646	ANETH U K130	2	P	OW
N5700	30	400S	250E	4303730648	ANETH U L430	2	P	OW
N5700	30	400S	250E	4303730649	ANETH U M130	2	P	OW
N5700	31	400S	250E	4303715946	NAVAJO TRIBE C11-31 (J131)	2	A	WI
N5700	31	400S	250E	4303716335	NAVAJO TRIBE C-22-31 (ANETH K-231)	2	A	WI
N5700	31	400S	250E	4303730413	ANETH U J231	2	P	OW
N5700	31	400S	250E	4303730647	ANETH U K131	2	P	OW

ST/ ⁻ OF UTAH
DEPARTMENT ᴗ. NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List of Wells

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: BLM & State of Utah

7. UNIT or CA AGREEMENT NAME: Orangeville & Huntington

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Operator Name Change

8. WELL NAME and NUMBER: See Attached List of Wells

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

9. API NUMBER:

3. ADDRESS OF OPERATOR: P.O. Box 36366 CITY Houston STATE TX ZIP 77236

PHONE NUMBER: (281) 561-3443

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached List of Wells

COUNTY: Emery

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: Operator Name Change (Merger)
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective May 1, 2002, Chevron U.S.A. Inc. is the new operator of the attached list of subject wells and leases that were previously operated by Texaco Exploration and Production Inc. The subject wells are located North of Orangeville and North of Huntington, Emery County, Utah. These Wells will be protected by the following surety bonds:

STATE OF UTAH Bond #: 103521627-0016 in the amount of $80,000. (This bond will replace United Pacific Insurance Company bond number U89-75-80-0059. We respectfully request this bond be released and returned.)

BLM Nationwide Bond#: U89-75-81-0034 in the amount of $300,000.

Key Contacts:

Ron Wirth - Operations Supervisor - 435 748-5395 x1

Texaco Exploration & Production Inc.

J. S. Purdy, Attorney-In-Fact

RECEIVED
MAY 06 2002
DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) Allen S. Robinson TITLE Attorney-In-Fact

SIGNATURE Allen S. Robinson DATE April 30, 2002

This space for State use only)

THE NAVAJO NATION

MINERALS DEPARTMENT
Post Office Box 1910
Window Rock, Arizona 86515
Phone: (928) 871-6587 • Fax: (928) 871-7095

KELSEY A. BEGAYE
PRESIDENT

TAYLOR McKENZIE, M.D.
VICE PRESIDENT

October 11, 2002

Mr. Don Sellars
Regulatory Specialist
ChevronTexaco
11111 S. Wilcrest
Houston, Texas 77099

Subject: Navajo Nation Assignment of Oil & Gas Lease

Dear Mr. Sellars:

Attached are fourteen (14) approved Navajo Nation Assignment of Oil and Gas Lease applications for assignment of interest from Texaco Exploration & Production, Inc. to Chevron U.S.A., Inc. (Chevron) for the following leases:

1)	I-149-IND-8834	6)	I-149-IND-8839	11)	14-20-603-4035
2)	I-149-IND-8835	7)	14-20-603-2057	12)	14-20-603-4037
3)	I-149-IND-8836	8)	14-20-603-2059	13)	14-20-603-5043-A
4)	I-149-IND-8838	9)	14-20-603-4030-A	14)	14-20-603-5446
5)	I-149-IND-8839-A	10)	14-20-603-4032		

If you have any questions, please call me or Mr. Brad Nesemeier at (928) 871-6587.

Sincerely,

Akhtar Zaman, Director
Minerals Department

Attachments
AZ/GLB/eab

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW ✓
3. FILE

Change of Operator (Well Sold) — Designation of Agent

Operator Name Change — X — **Merger**

The operator of the well(s) listed below has changed, effective: **05-01-2002**

FROM: (Old Operator):	**TO:** (New Operator):
TEXACO EXPLORATION & PRODUCTION INC	CHEVRON USA INC
Address: 3300 NORTH BUTLER, STE 100	Address: P O BOX 36366
FARMINGTON, NM 87401	HOUSTON,TX 79702
Phone: 1-(505)-325-4397	Phone: 1-(915)-687-2000
Account No. N5700	Account No. N0210

CA No. **Unit:** **ANETH**

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ANETH UNIT D-113SE	13-40S-23E	43-037-31382	7000	INDIAN	OW	S
ST THREE 12-16 (E216)	16-40S-24E	43-037-15833	7000	STATE	OW	S
ST THREE 14-16 (E416)	16-40S-24E	43-037-15834	7000	STATE	OW	P
ST THREE 32-16 (G416)	16-40S-24E	43-037-15835	7000	STATE	OW	P
ST THREE 34-16 (G416)	16-40S-24E	43-037-15836	7000	STATE	OW	P
ST THREE 43-16 (H416)	16-40S-24E	43-037-15837	7000	STATE	OW	P
ANETH U F216	16-40S-24E	43-037-30212	7000	STATE	OW	P
ANETH UNIT H116	16-40S-24E	43-037-31409	7000	STATE	OW	P
ANETH U H307	07-40S-24E	43-037-30122	7000	INDIAN	OW	P
ANETH U G408	08-40S-24E	43-037-30152	7000	INDIAN	OW	P
ANETH U E408	08-40S-24E	43-037-30159	7000	INDIAN	OW	P
ANETH U F308	08-40S-24E	43-037-30176	7000	INDIAN	OW	P
ANETH U H308	08-40S-24E	43-037-30177	7000	INDIAN	OW	P
ANETH U G208	08-40S-24E	43-037-30178	7000	INDIAN	OW	P
NAV TRB E-3 (G309)	09-40S-24E	43-037-16102	7000	INDIAN	OW	P
NAV TRB E-18 (E209)	09-40S-24E	43-037-16057	7000	INDIAN	OW	P
ANETH H 409	09-40S-24E	43-037-16324	7000	INDIAN	OW	P
ANETH U E409	09-40S-24E	43-037-30189	7000	INDIAN	OW	P
ANETH UNIT F411	11-40S-24E	43-037-30217	7000	INDIAN	OW	P
ANETH U E313	13-40S-24E	43-037-30200	7000	INDIAN	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-2-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/06/2002
2. (R649-2-10) Sundry or legal documentation was received from the **NEW** operator on: 04/12/2002
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 10/16/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 564408-0143
5. If **NO**, the operator was contacted contacted on: N/A

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 10/11/2002

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 10/11/2002

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 10/21/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 10/21/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 6049663

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: U8975810026

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS: Chevron USA Inc merged with Texaco Exploration & Production Inc to form ChevronTexaco Inc although all the Utah operations will be operated by Chevron USA Inc.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attachment

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT or CA AGREEMENT NAME: Aneth Unit

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER Injection wells

8. WELL NAME and NUMBER: See Attachment

2. NAME OF OPERATOR: Resolute Natural Resources Company N2700

9. API NUMBER: See Attach

3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 534-4600

10. FIELD AND POOL, OR WILDCAT: Desert Creek

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attachment

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of Operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As of December 1, 2004, Chevron U.S.A. Inc. resigned as Operator of the Aneth Unit. The successor operator is Resolute Natural Resources Company.

NAME (PLEASE PRINT) Janet Pasque TITLE Vice President

SIGNATURE Janet Pasque DATE 11/30/04

(This space for state use only)

APPROVED 12/29/2004

EL

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached exhibit.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT or CA AGREEMENT NAME: Aneth Unit

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER See attached exhibit.

8. WELL NAME and NUMBER: See attached exhibit.

2. NAME OF OPERATOR: Resolute Natural Resources Company

9. API NUMBER: See attached exhibit.

3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 534-4600

10. FIELD AND POOL, OR WILDCAT: Aneth

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As of December 1, 2004, Chevron U.S.A. Inc. resigned as operator of the Aneth Unit. Resolute Natural Resources Company has been elected the successor operator.

RECEIVED
DEC 22 2004
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Chevron U.S.A. Inc. N0210 TITLE A. E. Wacker, Attorney-in-Fact

SIGNATURE A. E. Wacker DATE 12/20/2004

(This space for State use only)

APPROVED 12/29/2004
ER
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

D124	4303715701	SI Producer	NE	NE	24	T40S	R23E	520' FNL / 660' FEL	SL-0701010-C	See Attached SI and TA Well Status Spreadsheet
A213	4303715821	Producer	SW	NW	13	T40S	R23E	3287' FSL / 4631' FEL	SL-070968-A	
A412	4303715822	SI Producer	SW	SW	12	T40S	R23E	659' FSL / 4474' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
A413	4303715823	Producer	SW	SW	13	T40S	R23E	657' FSL / 4631' FEL	SL-070968-A	
B113	4303715824	Producer	NE	NW	13	T40S	R23E	4602' FSL / 3311' FEL	SL-070968-A	
B313	4303715826	Producer	NE	SW	13	T40S	R23E	1972' FSL / 3302' FEL	SL-070968-A	
C412	4303715829	Producer	SW	SE	12	T40S	R23E	4606' FNL / 1980' FEL	SL-070968-A	
D312	4303715831	Producer	NE	SE	12	T40S	R23E	3290' FNL / 660' FEL	SL-070968-A	
E216	4303715833	Producer	SW	NW	16	T40S	R24E	2128' FNL / 662' FWL	NOG 99041323	
E416	4303715834	Producer	SW	SW	16	T40S	R24E	442' FSL / 721' FWL	NOG 99041323	
G216	4303715835	Producer	SW	NE	16	T40S	R24E	1975' FNL / 3304' FWL	NOG 99041323	
G416	4303715836	Producer	SW	SE	16	T40S	R24E	660' FSL / 1980' FEL	NOG 99041323	
H316	4303715837	Producer	NE	SE	16	T40S	R24E	1980' FSL / 662' FEL	NOG 99041323	
A214	4303716030	TA Producer	SW	NW	14	T40S	R23E	1980' FNL / 740' FWL	SL-070968	See Attached SI and TA Well Status Spreadsheet
A414	4303716031	SI Producer	SW	SW	14	40S	23E	820' FSL / 740' FWL	UTSL 070968	
D123	4303716036	Producer	NE	NE	23	T40S	R23E	660' FNL / 660' FEL	SL-0701010	
D311	4303716037	SI Producer	NE	SE	11	40S	23E	1980' FSL / 660' FEL	UTSL 070968B	
E123	4303716052	Producer	NW	NW	23	T40S	R24E	660' FNL / 660' FWL	I-149-IND-8838	
E135	4303716056	SI Producer	NW	NW	35	T40S	R24E	760 FNL / 703' FWL	14-20-603-2059	See Attached SI and TA Well Status Spreadsheet
E209	4303716057	Producer	SW	NW	9	T40S	R24E	2105' FNL / 670' FWL	I-149-IND-8834	
E215	4303716058	Producer	SW	NW	15	T40S	R24E	2109' FNL / 505' FWL	I-149-IND-8834	
E222	4303716059	Producer	SW	NW	22	T40S	R24E	1960' FNL / 770' FWL	I-149-IND-8836	
E335	4303716072	SI Producer	NW	SW	35	T40S	R24E	1900' FSL / 820' FWL	14-20-603-2059	See Attached SI and TA Well Status Spreadsheet
E415	4303716073	Producer	SW	SW	15	T40S	R24E	660' FSL / 660' FWL	I-149-IND-8834	
F122	4303716075	Producer	NE	NW	22	T40S	R24E	660' FNL / 1980' FWL	I-149-IND-8836	
F319	4303716081	Producer	NE	SW	19	T40S	R24E	1940' FSL / 2055' FWL	I-149-IND-8836	
G115	4303716088	Producer	NW	NE	15	T40S	R24E	660' FNL / 1980' FEL	I-149-IND-8834	
G222	4303716099	Producer	SW	NE	22	T40S	R24E	1890' FNL / 2140' FEL	I-149-IND-8836	
G309	4303716102	Producer	NW	SE	9	T40S	R24E	2080' FSL / 1990' FEL	I-149-IND-8834	
G329	4303716114	Producer	NW	SE	29	T40S	R24E	2045' FSL / 2125' FEL	14-20-603-5043	
G335	4303716115	Producer	NW	SE	35	T40S	R24E	1830' FSL / 1820' FEL	14-20-603-2059	
H415	4303716126	Producer	SE	SE	15	T40S	R24E	815' FSL / 812' FEL	I-149-IND-8834	
H435	4303716130	Producer	SE	SE	35	T40S	R24E	510' FSL / 725' FEL	14-20-603-2059	
L130	4303716138	Producer	NW	NE	30	T40S	R25E	745' FNL / 1900' FEL	I-149-IND-8839	
G134	4303716225	Producer	NW	NE	34	T40S	R24E	540' FNL / 2000' FEL	14-20-603-2056	S
G327	4303716226	Producer	NW	SE	27	T40S	R24E	2075' FSL / 1800' FEL	14-20-603-2056	
G334	4303716227	SI Producer	NW	SE	34	T40S	R24E	1980' FSL / 2130' FEL	14-20-603-2056	See Attached SI and TA Well Status Spreadsheet
H433	4303716229	SI Producer	SE	SE	33	T40S	R24E	745' FSL / 605' FEL	14-20-603-2056	See Attached SI and TA Well Status Spreadsheet
H434	4303716230	SI Producer	SE	SE	34	T40S	R24E	700' FSL / 500' FEL	14-20-603-2056	See Attached SI and TA Well Status Spreadsheet
H114	4303716310	Producer	NE	NE	14	T40S	R24E	730' FNL / 690' FEL	I-149-IND-8839	
H409	4303716324	Producer	SE	SE	9	T40S	R24E	660' FSL / 660' FEL	I-149-IND-8834	
G215	4303730066	SI Producer	SW	NE	15	T40S	R24E	2415' FNL / 1850' FEL	I-149-IND-8834	See Attached SI and TA Well Status Spreadsheet
E114	4303730093	Producer	NW	NW	14	T40S	R24E	500' FNL / 100' FWL	I-149-IND-8837	
F307	4303730115	SI Producer	NE	SW	7	T40S	R24E	2290' FSL / 1860' FWL	SL-067807	See Attached SI and TA Well Status Spreadsheet
F121	4303730117	Producer	NE	NW	21	T40S	R24E	50' FNL / 2150' FWL	I-149-IND-8836	
H307	4303730122	TA Producer	NE	SE	7	T40S	R24E	2120' FSL / 980' FEL	I-149-IND-8835	See Attached SI and TA Well Status Spreadsheet

Chevron USA to Resolute Natural Resources

H414	4303730123	Producer	SE	SE	14	40S	24E	300' FSL / 500' FEL	I-149-IND-8839	
G218	4303730131	Producer	SW	NE	18	T40S	R24E	1870' FNL / 2050' FEL	I-149-IND-8835	
G418	4303730132	Producer	SW	SE	18	T40S	R24E	760' FSL / 1950' FEL	I-149-IND-8835	
H119	4303730133	Producer	NE	NE	19	T40S	R24E	695' FNL / 570' FEL	I-149-IND-8836	
E417	4303730134	Producer	SW	SW	17	T40S	R24E	710' FSL / 630' FWL	I-149-IND-8835	
F120	4303730135	Producer	NE	NW	20	T40S	R24E	710' FNL / 1980' FWL	I-149-IND-8836	
H318	4303730136	Producer	NE	SE	18	T40S	R24E	1980' FSL / 610' FEL	I-149-IND-8835	
F317	4303730139	Producer	NE	SW	17	T40S	R24E	1980' FSL / 2140' FWL	I-149-IND-8835	
E217	4303730142	Producer	SW	NW	17	T40S	R24E	1980' FNL / 550' FWL	I-149-IND-8835	
G417	4303730144	Producer	SW	SE	17	T40S	R24E	660' FSL / 1980' FEL	I-149-IND-8835	
E220	4303730150	Producer	SW	NW	20	T40S	R24E	1956' FNL / 584' FWL	I-149-IND-8836	
G407	4303730151	Producer	SW	SE	7	T40S	R24E	650' FSL / 1960' FEL	SL-067807	
G408	4303730152	Producer	SW	SE	8	T40S	R24E	774' FSL / 1991' FEL	I-149-IND-8834	
H117	4303730153	Producer	NE	NE	17	T40S	R24E	866' FNL / 785' FEL	I-149-IND-8833	
H320	4303730154	Producer	NE	SE	20	T40S	R24E	2036 FSL / 650' FEL	I-149-IND-8836	
G220	4303730156	Producer	SW	NE	20	T40S	R24E	1860' FNL / 2086' FEL	I-149-IND-8833	
H118	4303730157	Producer	NE	NE	18	T40S	R24E	626' FNL / 650' FEL	I-149-IND-8835	
E408	4303730159	TA Producer	SW	SW	8	T40S	R24E	650' FSL / 626' FWL	I-149-IND-8833	See Attached SI and TA Well Status Spreadsheet
F117	4303730160	SI Producer	NE	NW	17	T40S	R24E	522' FNL / 1956' FWL	I-149-IND-8835	See Attached SI and TA Well Status Spreadsheet
D313	4303730162	TA Producer	NE	SE	13	T40S	R23E	1987' FSL / 782' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
F320	4303730164	Producer	NE	SW	20	T40S	R24E	2130' FSL / 1950' FWL	I-149-IND-8836	
E418	4303730165	Producer	SW	SW	18	T40S	R24E	978' FSL / 216' FWL	SL-067807	
G217	4303730166	TA Producer	SW	NE	17	T40S	R24E	2170' FNL / 1860' FEL	I-149-IND-8835	See Attached SI and TA Well Status Spreadsheet
G219	4303730167	Producer	SW	NE	19	T40S	R24E	1989' FNL / 1923' FEL	I-149-IND-8836	
H319	4303730168	Producer	NE	SE	19	T40S	R24E	2086' FSL / 593' FEL	I-149-IND-8836	
F318	4303730169	Producer	NE	SW	18	T40S	R24E	1578' FSL / 1773' FWL	I-149-IND-8835	
C213	4303730173	Producer	SW	NE	13	T40S	R23E	1898' FNL / 1815' FEL	SL-070968-A	
F308	4303730176	Producer	NE	SW	8	T40S	R24E	1880' FSL / 1980' FWL	I-149-IND-8833	
H308	4303730177	TA Producer	NE	SE	8	T40S	R24E	1890' FSL / 660' FEL	I-149-IND-8834	See Attached SI and TA Well Status Spreadsheet
G208	4303730178	TA Producer	SW	NE	8	T40S	R24E	1939' FNL / 1939' FEL	I-149-IND-8833	See Attached SI and TA Well Status Spreadsheet
E221	4303730181	Producer	SW	NW	21	T40S	R24E	1898' FNL / 619' FWL	I-149-IND-8836	
H121	4303730183	Producer	NE	NE	21	T40S	R24E	520' FNL / 760' FEL	I-149-IND-8836	
F321	4303730185	Producer	NE	SW	21	T40S	R24E	1980' FSL / 1720' FWL	I-149-IND-8836	
F129	4303730187	Producer	NE	NW	29	T40S	R24E	550' FNL / 1690'FWL	14-20-603-4030-A	
E421	4303730188	Producer	SW	SW	21	T40S	R24E	660' FSL / 660' FWL	I-149-IND-8836	
E409	4303730189	Producer	SW	SW	9	T40S	R24E	910' FSL / 330' FWL	I-149-IND-8834	
H317	4303730196	Producer	NE	SE	17	T40S	R24E	2230' FSL / 930' FEL	I-149-IND-8833	
F119	4303730197	TA Producer	NE	NW	19	T40S	R24E	350' FNL / 1960' FWL	I-149-IND-8836	See Attached SI and TA Well Status Spreadsheet
E313	4303730200	Producer	NW	SW	13	T40S	R24E	1815' FSL / 785' FWL	I-149-IND-8837	
F216	4303730212	TA Producer	SE	NW	16	T40S	R24E	1848 FNL / 2043' FWL	NOG 99041323	See Attached SI and TA Well Status Spreadsheet
G421	4303730214	Producer	SW	SE	21	T40S	R24E	380' FSL / 1980' FEL	I-149-IND-8836	
H321	4303730216	Producer	NE	SE	21	T40S	R24E	2043' FSL / 591' FEL	I-149-IND-8836	
F411	4303730217	Producer	SE	SW	11	T40S	R24E	561' FSL / 1798' FWL	I-149-IND-8837	
G114	4303730218	Producer	NW	NE	14	T40S	R24E	660' FNL / 2220' FEL	I-149-IND-8837	
E223	4303730219	Producer	SW	NW	23	T40S	R24E	2106' FNL / 660' FWL	I-149-IND-8838	
E426	4303730220	Producer	SW	SW	26	T40S	R24E	660' FSL / 660' FWL	I-149-IND-8838	

F125	4303730221	Producer	NE	NW	25	T40S	R24E	627' FNL / 1980' FWL	I-149-IND-8838	
G225	4303730222	Producer	SW	NE	25	T40S	R24E	1760' FNL / 2170' FEL	I-149-IND-8838	
H123	4303730223	Producer	NE	NE	23	T40S	R24E	660' FNL / 660' FEL	I-149-IND-8838	
K330	4303730224	Producer	NE	SW	30	T40S	R25E	2020' FSL / 2010' FWL	I-149-IND-8839	
M330	4303730225	Producer	NE	SE	30	T40S	R25E	2046' FSL / 726' FEL	I-149-IND-8839	
G223	4303730226	Producer	SW	NE	23	T40S	R24E	2012' FNL / 1914' FEL	I-149-IND-8838	
H136	4303730227	Producer	NE	NE	36	T40S	R24E	660' FNL / 620' FEL	14-20-603-5443	
G420	4303730228	Producer	SW	SE	20	T40S	R24E	770' FSL / 1900' FEL	I-149-IND-8836	
G314	4303730230	Producer	NW	SE	14	T40S	R24E	1940' FSL / 2020' FEL	I-149-IND-8837	
E224	4303730231	Producer	SW	NW	24	T40S	R24E	1850' FNL / 660' FWL	I-149-IND-8838	
F326	4303730232	Producer	NE	SW	26	T40S	R24E	1914' FSL / 1914' FWL	I-149-IND-8838	
E225	4303730233	SI Producer	SW	NW	25	T40S	R24E	2079' FNL / 790' FWL	I-149-IND-8838	See Attached SI and TA Well Status Spreadsheet
F323	4303730234	Producer	NE	SW	23	T40S	R24E	1914' FSL / 1980' FWL	I-149-IND-8838	
G426	4303730236	Producer	SW	SE	26	T40S	R24E	610' FSL / 1980' FEL	I-149-IND-8838	
F325	4303730237	Producer	NE	SW	25	T40S	R24E	1850' FSL / 1840' FWL	I-149-IND-8838	
G425	4303730238	Producer	SW	SE	25	T40S	R24E	480' FSL / 1840' FEL	I-149-IND-8838	
H325	4303730239	Producer	NE	SE	25	T40S	R24E	1914' FSL / 660' FEL	I-149-IND-8838	
J230	4303730240	Producer	SW	NW	30	T40S	R25E	1980' FNL / 660' FWL	I-149-IND-8839 A	
L230	4303730241	Producer	SW	NE	30	T40S	R25E	1930' FNL / 1898' FEL	I-149-IND-8839	
J430	4303730243	Producer	SW	SW	30	T40S	R25E	660' FSL / 660' FWL	I-149-IND-8839	
F214	4303730250	Producer	SE	NW	14	T40S	R24E	2030' FNL / 1881' FWL	I-149-IND-8837	
E314	4303730266	Producer	NW	SW	14	T40S	R24E	1930' FSL / 660' FWL	I-149-IND-8837	
F414	4303730274	Producer	SE	SW	14	T40S	R24E	593' FSL / 1771' FWL	I-149-IND-8837	
C413	4303730298	TA Producer	SW	SE	13	T40S	R23E	810' FSL / 1980' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
H125	4303730308	Producer	NE	NE	25	T40S	R24E	660' FNL / 560' FEL	I-149-IND-8838	
F126	4303730310	Producer	NE	NW	26	T40S	R24E	560' FNL / 1940' FWL	I-149-IND-8838	
G423	4303730311	Producer	SW	SE	23	T40S	R24E	660' FSL / 1980' FEL	I-149-IND-8838	
H323	4303730316	Producer	NE	SE	23	T40S	R24E	1845' FSL / 507' FEL	I-149-IND-8838	
G424	4303730334	TA Producer	SW	SE	24	T40S	R24E	660' FSL / 1980' FEL	I-149-IND-8838	See Attached SI and TA Well Status Spreadsheet
E425	4303730343	Producer	SW	SW	25	T40S	R24E	760' FSL / 840' FWL	I-149-IND-8838	
F322	4303730345	Producer	NE	SW	22	T40S	R24E	2130' FSL / 1980' FWL	I-149-IND-8836	
E422	4303730346	Producer	SW	SW	22	T40S	R24E	890' FSL / 600' FWL	I-149-IND-8836	
H126	4303730348	Producer	NE	NE	26	T40S	R24E	660' FNL / 830' FEL	I-149-IND-8838	
F324	4303730349	SI Producer	NE	SW	24	T40S	R24E	1980' FSL / 2080' FWL	I-149-IND-8838	See Attached SI and TA Well Status Spreadsheet
E424	4303730350	TA Producer	SW	SW	24	T40S	R24E	540' FSL / 450' FWL	I-149-IND-8838	See Attached SI and TA Well Status Spreadsheet
H326	4303730368	Producer	NE	SE	26	T40S	R24E	1850' FSL / 520' FEL	I-149-IND-8838	
G226	4303730369	Producer	SW	NE	26	T40S	R24E	2080' FNL / 1950' FEL	I-149-IND-8838	
E423	4303730370	Producer	SW	SW	23	T40S	R24E	550' FSL / 580' FWL	I-149-IND-8838	
E226	4303730371	Producer	SW	NW	26	T40S	R24E	1980' FNL 660 FWL		
G325X	4303730374	Producer	NW	SE	25	T40S	R24E	1850' FSL / 1710' FEL	I-149-IND-8838	
G422	4303730375	Producer	SW	SE	22	T40S	R24E	500' FSL / 1950' FEL	I-149-IND-8836	
H120X	4303730404	Producer	NE	NE	20	T40S	R24E	280' FNL / 840' FEL	I-149-IND-8833	
H322	4303730407	Producer	NE	SE	22	T40S	R24E	2070' FSL / 770' FEL	I-149-IND-8836	
F136	4303730409	Producer	NE	NW	36	T40S	R24E	760' FNL / 2020' FWL	14-20-603-5444	
G236	4303730410	Producer	SW	NE	36	T40S	R24E	1950' FNL / 1980' FEL	14-20-603-5443	
H335	4303730412	Producer	NE	SE	35	T40S	R24E	1980' FSL / 700' FEL	14-20-603-2059	

Chevron USA to Resolute Natural Resources

J231	4303730413	SI Producer	SW	NW	31	T40S	R25E	1850' FNL / 660' FWL	14-20-603-5443	See Attached SI and TA Well Status Spreadsheet
G221X	4303730516	Producer	SW	NE	21	T40S	R24E	1940' FNL / 1930' FEL	I-149-IND-8836	
A114	4303730634	SI Producer	NW	NW	14	40S	23E	735' FNL / 718' FWL	UTSL 070968	
B214	4303730635	Producer	SE	NW	14	T40S	R23E	1910' FNL / 1950' FWL	SL-070968	
C114	4303730636	SI Producer	NW	NE	14	T40S	R23E	820' FNL / 1920' FEL	SL-070968	See Attached SI and TA Well Status Spreadsheet
C314	4303730637	Producer	NW	SE	14	T40S	R23E	2140' FSL / 1870' FEL	SL-070968	
D214	4303730638	Producer	SE	NE	14	T40S	R23E	2090' FNL / 790' FEL	SL-070968	
D414	4303730639	Producer	SE	SE	14	T40S	R23E	570' FSL / 810' FEL	SL-070968	
H127	4303730643	Producer	NE	NE	27	T40S	R24E	660' FNL / 510' FEL	14-20-603-2056	
H128	4303716224	Injector	NE	NE	28	40S	24E	810' FNL / 510' FEL	14-20-603-2056	
J229	4303730645	SI Producer	SW	NW	29	40S	25E	1980' FNL / 510' FWL	I-149-IND-8839A	
K130	4303730646	Producer	NE	NW	30	T40S	R25E	660' FNL / 2010' FWL	I-149-IND-8839	
K131	4303730647	Producer	NE	NW	31	T40S	R25E	660' FNL / 1980' FWL	14-20-603-372-A	
L430	4303730648	Producer	SW	SE	30	T40S	R25E	660' FSL / 1980' FEL	I-149-IND-8839	
M130	4303730649	Producer	NE	NE	30	T40S	R25E	510' FNL / 780' FEL	I-149-IND-8839	
E236	4303730716	Producer	SW	NW	36	T40S	R24E	1930' FNL / 630' FWL	14-20-603-5444	
F127	4303730718	Producer	NE	NW	27	T40S	R24E	620' FNL / 1910' FWL	14-20-603-2056	
F128	4303730728	Producer	NE	NW	28	T40S	R24E	660' FNL / 1910' FWL	14-20-603-2056	
C313SE	4303731076	SI Producer	C	SE	13	40S	23E	1320' FSL / 1320' FEL	UTSL 070968A	
E118SE	4303731077	TA Producer	SW	NW	18	T40S	R24E	1340' FNL / 1140' FWL	SL-067807	See Attached SI and TA Well Status Spreadsheet
E121SE	4303731078	SI Producer	SW	NW	21	T40S	R24E	1400' FNL / 1320' FWL	I-149-IND-8836	See Attached SI and TA Well Status Spreadsheet
D113SE	4303731382	TA Producer	SE	NE	13	T40S	R23E	1330' FNL / 100' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
D213SE	4303731383	TA Producer	NE	SE	13	T40S	R23E	2700' FNL / 150' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
E218SE	4303731385	TA Producer	NW	SW	18	T40S	R24E	2660' FNL / 1220' FWL	SL-067807	See Attached SI and TA Well Status Spreadsheet
E407SW	4303731386	TA Producer	SW	SW	7	T40S	R24E	0' FSL / 70' FWL	SL-067807	See Attached SI and TA Well Status Spreadsheet
E115	4303731396	Producer	NW	NW	15	T40S	R24E	630' FNL / 660' FWL	I-149-IND-8834	
F215	4303731397	Producer	SE	NW	15	T40S	R24E	1900' FNL / 1990' FWL	I-149-IND-8834	
F415	4303731398	Producer	SE	SW	15	T40S	R24E	680' FSL / 1880' FWL	I-149-IND-8834	
G315X	4303731408	Producer	NW	SE	15	T40S	R24E	1880' FSL / 1980' FEL	I-149-IND-8834	
H116	4303731409	TA Producer	NE	NE	16	T40S	R24E	660' FNL / 900' FEL	NOG 99041323	
H129	4303731529	Producer	NE	NE	29	T40S	R24E	730' FNL / 730' FEL	14-20-603-4030	
H135	4303731531	Producer	NE	NE	35	T40S	R24E	503' FNL / 813' FEL	14-20-603-2059	
E407SE	4303731534	Producer	NE	NW	18	40S	24E	199' FNL / 1602' FWL	UTSL 067807	
B412	4303731537	TA Producer	SE	SW	12	T40S	R23E	901' FSL / 1600' FWL	SL-070968-A	
F214SE	4303731684	Producer	SE	NW	14	T40S	R24E	2580' FNL / 2350' FWL	I-149-IND-8837	

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold) Designation of Agent/Operator

Operator Name Change Merger

The operator of the well(s) listed below has changed, effective: **12/1/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N0210-Chevron USA, Inc.	N2700-Resolute Natural Resources Company
PO Box 4791	1675 Broadway, Suite 1950
Houston, TX 77210-4791	Denver, CO 80202
Phone: 1-(713) 752-7431	Phone: 1-(303) 534-4600

CA No. **Unit:** **ANETH**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ANETH UNIT D-113SE	13	400S	230E	4303731382	7000	Indian	OW	TA
ANETH UNIT F214SE	14	400S	240E	4303731684	7000	Indian	OW	P
ANETH UNIT E115	15	400S	240E	4303731396	7000	Indian	OW	P
ANETH UNIT F215	15	400S	240E	4303731397	7000	Indian	OW	P
ANETH UNIT F415	15	400S	240E	4303731398	7000	Indian	OW	P
ANETH UNIT G315X	15	400S	240E	4303731408	7000	Indian	OW	P
ST THREE 12-16(E216)	16	400S	240E	4303715833	7000	State	OW	P
ST THREE 14-16(E416)	16	400S	240E	4303715834	7000	State	OW	P
ST THREE 32-16(G216)	16	400S	240E	4303715835	7000	State	OW	P
ST THREE 34-16(G416)	16	400S	240E	4303715836	7000	State	OW	P
ST THREE 43-16(H316)	16	400S	240E	4303715837	7000	State	OW	P
ANETH U F216	16	400S	240E	4303730212	7000	State	OW	S
ANETH UNIT H116	16	400S	240E	4303731409	7000	State	OW	P
ANETH UNIT E121SE	21	400S	240E	4303731078	7000	Indian	OW	S
ANETH U F127	27	400S	240E	4303730718	7000	Indian	OW	P
ANETH U F128	28	400S	240E	4303730728	7000	Indian	OW	P
ANETH H129	29	400S	240E	4303731529	7000	Indian	OW	P
ANETH H135	35	400S	240E	4303731531	7000	Indian	OW	P
ANETH U E236	36	400S	240E	4303730716	7000	Indian	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/22/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/13/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 11/22/2004
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: _____ requested

6b. Inspections of LA PA state/fee well sites complete on: 12/20/2004

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 12/29/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 12/29/2004
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: separate list
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B001263

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: B001264

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B001262
2. The **FORMER** operator has requested a release of liability from their bond on: not yet
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

COMMENTS:

43-037-15835

action BSpencer 5/5/99
ABaker

P.O. Box 1060
Gallup, New Mexico 87305-1060

ARES/543

MAY 06 1999

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

St Three 32-16
40S 24E 16

Chieftain International (US) Inc.
1201 Toronto Doninion Tower
Edmonton Alberta, CANADA T5J 2Z1

Dear Lessee of Records:

This is to inform you that a land exchange between the State of Utah and the United States on behalf of the Navajo Tribe of Indians was recently consummated. This exchange was authorized by the Utah School and Land Exchange Act of 1998, Pub. L. 105-335, 112 Stat. 3139.

By letter dated March 8, 1999, the State of Utah, School and Institutional Trust Lands Administration office, informed your company that all future communications and payments due under the lease after January 8, 1999 should be directed to our office.

The State has furnished copies of your mineral lease(s) to us. For administrative purposes, we have assigned a BIA lease number, as follows:

	ML LEASE NO.	NEW BIA LEASE NO.
1.	3156	N0-G-9904-1323

Please reference the BIA lease number on all future correspondence and payments.

These following instructions and procedures become effective as of the date of your receipt of this letter and must be utilized by your company.

1. **Lease record:** In order to create a new lease record, we will require that you submit the following documents:
   A. Certified copy of the Articles of Incorporation
   B. License to do business in the State of Utah
   C. Latest financial statement for the corporation.
   D. List of names, addresses and telephone number of the corporate officers, principal stockholders and directors.

2/154

2. **Payment of rental and royalties:** The Navajo Nation (Tribe) has a lockbox agreement with Norwest Bank in Phoenix, Arizona, which serves as a depository for the Tribe's producing oil and gas lease revenues.

You no longer should send checks to the Minerals Management Services (MMS) for the State mineral leases. Navajo Tribal oil and gas rent and royalty payments on producing leases must be sent to the lockbox. Payment should be made by electronic funds transfer (EFT) to the following address:

The Navajo Nation
P. O. Box 52543
Phoenix, Arizona 85072

Please use American Bankers Association No. (Routing No.) 091000019 and Account No. 6008301569 when paying via EFT. Your EFT transmission, as well as any checks you submit, must also include your MMS Payor Code and Pay-assigned document number (3a number).

3. **Reports:** You should submit the Report of Sales and Royalty Remittance (Form MMS-2014), to MMS, referencing recording payment Method 07. The Navajo Nation requests that you also submit a copy of Form MMS-2014 to the Navajo Nation Minerals Department, P.O. Box 1910, Window Rock, Arizona 86515, in order to verify payments made to their lockbox.

4. **Bond:** Pursuant to 25 CFR 211.24, "... a surety bond is required in an amount sufficient to ensure compliance with all of the terms and condition of the lease(s), permit(s)" (copy enclosed). Acceptable bond amounts are (1) Collective Bond - $75,000 (2) Nationwide Bond - $150,000.

We request that you submit a report showing the location and number of wells or other improvement for each lease. Please note the Secretary has the discretion to increase the bond amount based on the number of wells.

Please submit to our office a replacement bond for your lease(s). The State of Utah bond for your leases will not be terminated until a replacement bond is submitted to our office.

5. **Assignments of leases:** We also enclose a copy of our procedure on filing for Tribal Assignment and standard forms for your use and information. Please have your staff review these procedure before submitting new assignments.

We look forward to working with your company as a new Navajo lessee. If you have any questions, please contact Ms. Bertha Spencer, Realty Specialist, Minerals and Mining Section at (520) 871-5938.

Sincerely

GENNI DENETSONE

ACTING Area Director

Enclosures

cc: BLM, Farmington Field Office, 1235 La Plata Highway, Suite A, Farmington, NM 87401
BLM, Attn: Gary Torres, 435 North Main, P.O. Box 7, Monticello, Utah 84535
Navajo Nation Minerals Department, Attn: A. Zaman, POB 1910, Window Rock, AZ 86515
State of Utah, School and Institutional Trust Lands Administration, 675 East 500 South, Suite 500, Salt Lake City, Utah 84102-2818
MMS, Attn: Cherry Millard, Royalty Management Program POB 25165, Denver, Colorado 80225-0165
Linda Taylor, Shiprock Real Estate Services, POB 966, Shiprock, NM 87420

bcc: 4618a-P5
46102-T1
100

543:BSpencer:lg:05/04/99
C:MyFiles.ML3156

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: N0-G99041323

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ST THREE 32-16(G216)

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037158350000

3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1975 FNL 3304 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 40.0S Range: 24.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/5/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	✓ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Resolute Natural Resources respectfully submits this sundry as notice of a tubing repair on the above well. Attached are the procedures and schematics

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 28, 2016

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erin Joseph	303 573-4886	Sr. Regulatory Analyst

SIGNATURE	DATE
N/A	6/27/2016

RECEIVED: Jun. 27, 2016

Resolute

Natural Resources

Date: 6/27/2016
Re: AU G216 Tubing Repair

Procedure

1) MIRU. Kill well as necessary. Pressure test tubing.
2) POH & SB KD-63 rods & LD insert pump.
   Note: *Contact Joseph Begay to visually inspect rods & pump assembly.*
3) NDWH. Release TAC. NUBOPE.
4) POH & SB 2-7/8" production tubing & LD BHA.
   Note: *Contact Joseph Begay to visually inspect tubing.*
5) PU & RIH with bit/scraper (spaced) on production tubing from derrick.
6) Clean out to 5601' (TD). Circulate clean.
   Note: *Open Hole (6-1/8"): 5402' to 5601'*
7) POH & LD bit/scraper.
8) Run production equipment (Consult Artificial Lift Tech for detailed rod/pump design & setting depths for tubing and pump).
9) Replace threaded nipples & ball valves on 'B-Section' (if necessary).
10) Hang well on, pressure test tubing, test for good pump action.
11) RDMOL. Apply appropriate chemical treatment.

AU G-216 (Vertical Wellbore)

GREATER ANETH FIELD
1975' FNL & 3304' FWL
SEC 16-T40S-R24E
SAN JUAN COUNTY, UTAH

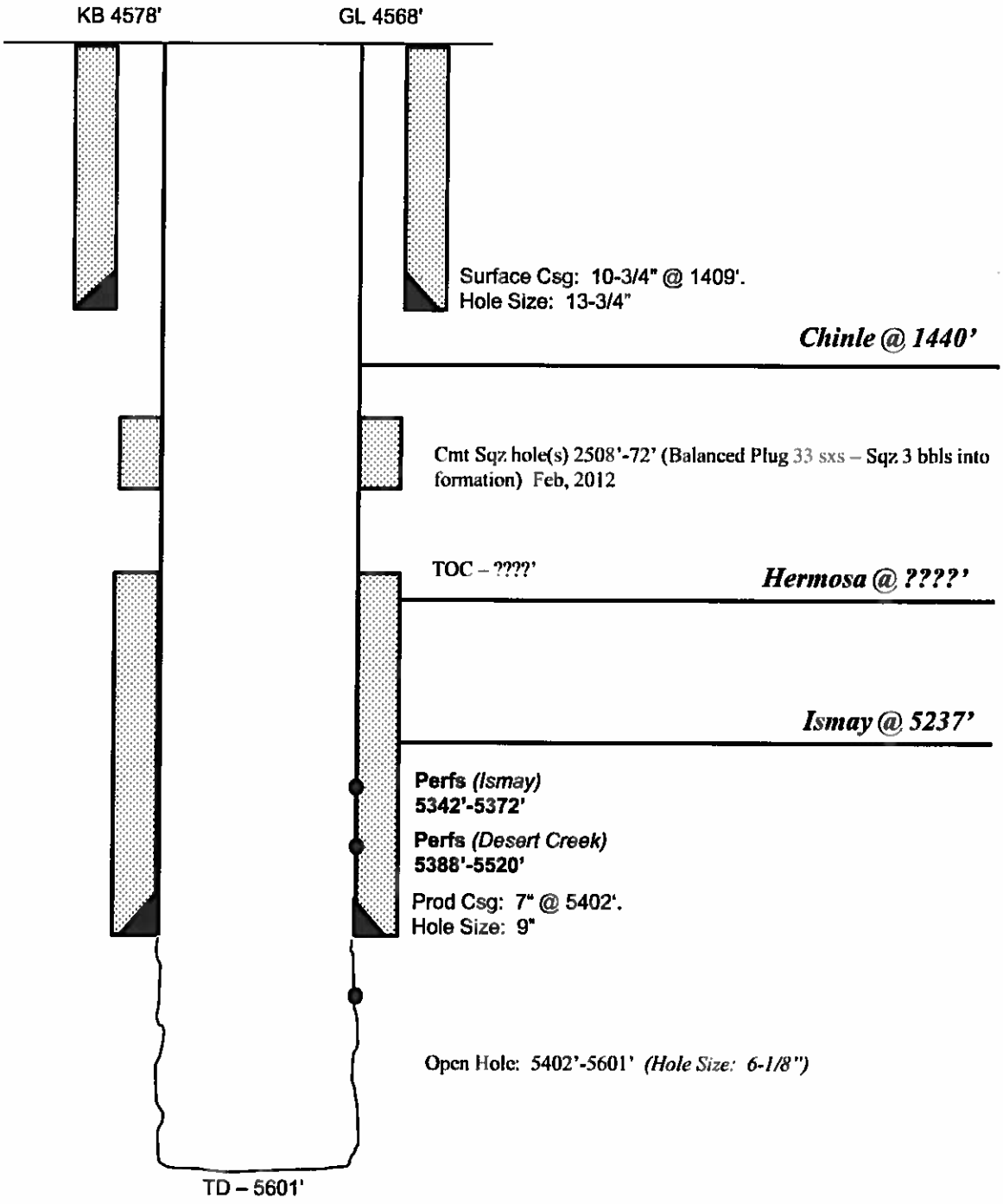
API 43-037-15835

Injector (1959)

Formation Tops

Navajo	
Chinle	*1440'*
DeChelly	
Organ Rock	
Hermosa	
Ismay	*5237'*
Desert Creek	*5405'*

Current



CA Wright 06-23-2016 AU G216

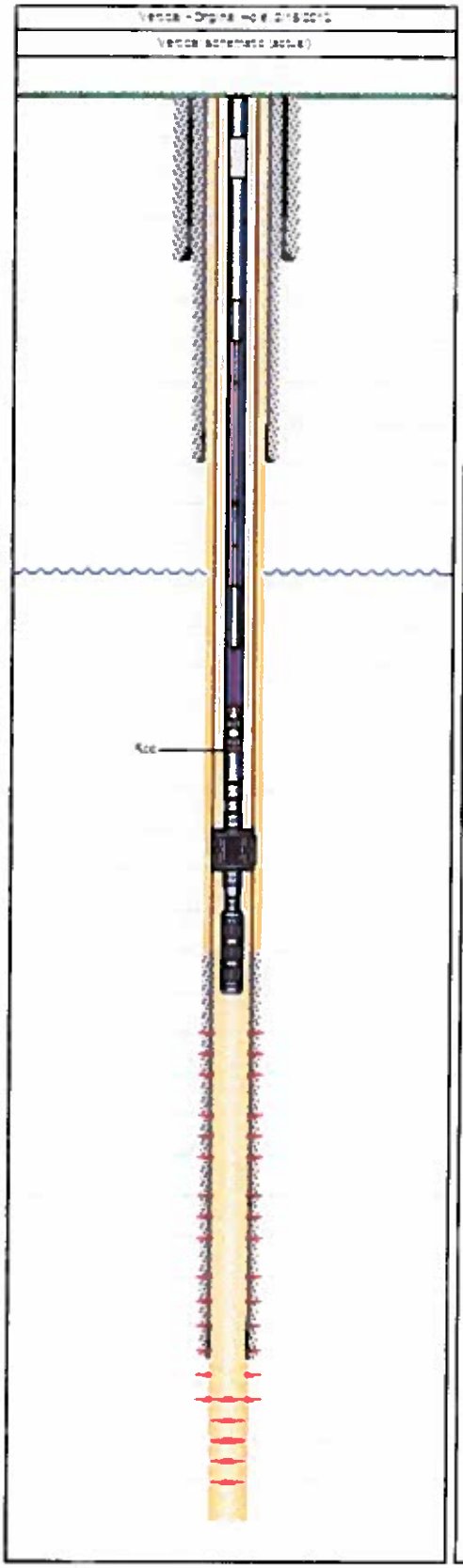
Resolute

Tubing

WellView

Well Name: AU G-216

API Number	Surf Qtr	Field Name	State/Province	Wellbore Config	Ensight ID#
4303715835	SW NE	Aneth Unit	Utah	Vertical	0180.01
Ground Elevation (ft)	**Casing Flange Elevation (ft)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**Regulatory Spud Date**	**Rig Release Date/Time**
4567		11.00		7/14/1959 00:00	



Tubing

Tubing Description	Set Depth (ftKB)	Run Date	Pull Date
Tubing - Production	5,333.9	2/15/2012	

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	2 7/8	2.44	6.50	J-55		31.81	11.3	43.1
Tubing Pup Joint	2 7/8	2.44				6.10	43.1	49.2
Tubing 163 jts	2 7/8	2.44	6.50	J-55		5,216.61	49.2	5,265.8
Tubing Dura Seal	2 7/8	2.44	6.50	J-55		32.40	5,265.8	5,298.2
Pump Seating Nipple SS	2 7/8	2.31				1.10	5,298.2	5,299.3
Anchor/catcher	7	2.44				2.85	5,299.3	5,302.1
Cross Over	3	2.44				0.76	5,302.1	5,302.9
Mud Anchor 3 1/2" slotted	3 1/2	3.00				31.00	5,302.9	5,333.9

Resolute

Schematic - Current

WellView

Well Name: AU G-216

API/UWI	Surface Legal Location	Field Name	State/Province	Well Configuration Type	Original KB Elevation (ft)
4303715835	SW NE	Aneth Unit	Utah	Vertical	0180.01
Ground Elevation (ft)	**Casing Flange Elevation (ft)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**Regulatory Spud Date**	**Rig Release Date/Time**
4567		11.00		7/14/1959 00:00	

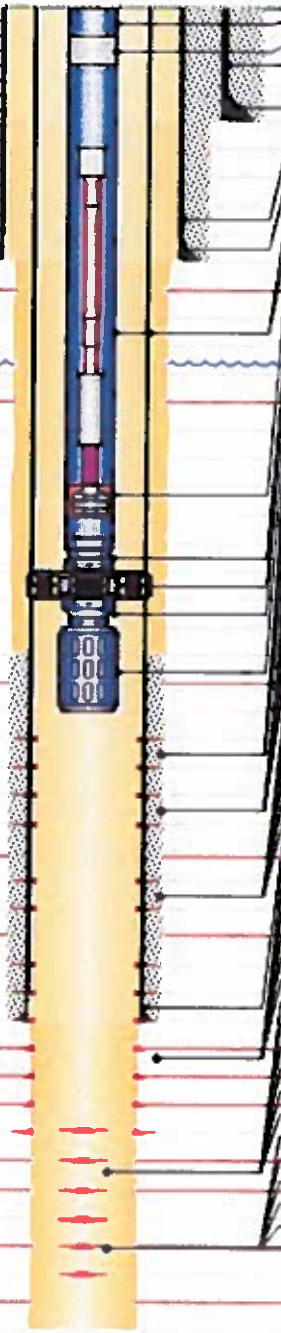
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Start Date	End Date
Completion/Workover	Rod Repair		1/19/2012	3/6/2012

Schematic

Vertical - Original Hole, 6/24/2016 3:04:57 PM

MD (ftKB)	Vertical schematic (actual)
11.2	
49.2	
89.9	
123.0	
1,405.8	
1,440.0	CHINLE (final)
3,490.8	
5,236.5	ISMAY (final)
5,266.1	
5,297.9	
5,299.2	
5,302.8	
5,322.5	LISA (final)
5,341.9	
5,356.0	
5,359.3	LISB (final)
5,372.0	
5,388.1	LISC (final)
5,401.9	
5,420.3	DC_IA (final)
5,432.1	DC_IB (final)
5,458.8	DC_IC (final)
5,496.1	DC_IIA (final)
5,544.6	DC_IIB (final)
	DC_IIC (final)
	DC_III (final)



Tubing; 11.3-43.1; 31.81; 6-1; 2 7/8; 2.44
Tubing Pup Joint; 43.1-49.2; 6.10; 6-2; 2 7/8; 2.44
Casing Joints; 11.0-88.0; 77.00; 1-1; 16
Shoe; 88.0-90.0; 2.00; 1-2; 16
Casing Joints; 11.0-1,406.0; 1,395.00; 2-1; 10 3/4; 10.19
Shoe; 1,406.0-1,408.0; 2.00; 2-2; 10 3/4
Tubing 163jts; 49.2-5,265.8; 5,216.61; 6-3; 2 7/8; 2.44
Casing Joints; 11.0-5,400.0; 5,389.00; 3-1; 7; 6.37
Tubing Dura Seal; 5,265.8-5,298.2; 32.40; 6-4; 2 7/8; 2.44
Pump Seating Nipple SS; 5,298.2-5,299.3; 1.10; 6-5; 2 7/8; 2.31
Anchor/catcher; 5,299.3-5,302.1; 2.85; 6-6; 7; 2.44
Cross Over; 5,302.1-5,302.9; 0.76; 6-7; 3; 2.44
Mud Anchor/3 1/2" slotted; 5,302.9-5,333.9; 31.00; 6-8; 3 1/2; 3.00
Perforation; 5,342.0-5,354.0
Perforation; 5,342.0-5,354.0
Perforation; 5,342.0-5,354.0
Perforation; 5,342.0-5,354.0
Perforation; 5,342.0-5,354.0
Perforation; 5,342.0-5,354.0
Perforation; 5,356.0-5,358.0
Perforation; 5,356.0-5,358.0
Perforation; 5,356.0-5,358.0
Perforation; 5,356.0-5,358.0
Perforation; 5,356.0-5,358.0
Perforation; 5,356.0-5,358.0
Perforation; 5,360.0-5,372.0
Perforation; 5,360.0-5,372.0
Perforation; 5,360.0-5,372.0
Perforation; 5,360.0-5,372.0
Perforation; 5,360.0-5,372.0
Perforation; 5,360.0-5,372.0
Shoe; 5,400.0-5,402.0; 2.00; 3-2; 7
Perforation; 5,388.0-5,432.0
Perforation; 5,388.0-5,432.0
Perforation; 5,388.0-5,432.0
Perforation; 5,388.0-5,432.0
Perforation; 5,388.0-5,432.0
Perforation; 5,388.0-5,432.0
Perforation; 5,432.0-5,476.0
Perforation; 5,432.0-5,476.0
Perforation; 5,432.0-5,476.0
Perforation; 5,432.0-5,476.0
Perforation; 5,432.0-5,476.0
Perforation; 5,432.0-5,476.0
Perforation; 5,476.0-5,520.0
Perforation; 5,476.0-5,520.0
Perforation; 5,476.0-5,520.0
Perforation; 5,476.0-5,520.0
Perforation; 5,476.0-5,520.0
Perforation; 5,476.0-5,520.0

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: N0-G99041323

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ST THREE 32-16(G216)

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037158350000

3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1975 FNL 3304 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 40.0S Range: 24.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 7/22/2016
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Resolute Natural Resources respectfully submits this sundry as notice that the Tubing Repair on the above well was completed on 7/22/2016 according to previously approved procedures

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 28, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erin Joseph	303 573-4886	Sr. Regulatory Analyst

SIGNATURE	DATE
N/A	7/28/2016

RECEIVED: Jul. 28, 2016