## NMULU

Form 3160-3 (November 1983) (formerly 9-331C)		ED_STATES			N JPLICATE structions on se side)		No. 1004-0136	
DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT						5. LEASE DESIGNATION AND BERIAL NO. NM-9017		
					RACK	6. IF INDIAN, ALLOTT	TE OR TRIBE NAME	
APPLICATION 18. TYPE OF WORK	N FOR PERMIT T	O DRILL, DEI	LFEIN, C			-		
		deepen 🗌		plug i	BACK 🗌	7. UNIT AGREEMENT	N A M B	
D. TYPE OF WELL OIL VV G.	AS []]		SINGLE X	Y MU		8. FARM OR LEASE NA		
2. NAME OF OPERATOR	ELL OTHER		ZONE AL			Orion Feder	al	
Orion Oil &	Gas Properties					9. WELL NO.		
3. ADDRESS OF OPERATOR		00000 0500				10. FIELD AND POOL,	OF WILDCAT	
P.U. BOX 25	23, Roswell, NM eport location clearly and	in accordance with a	ny State req	uirements.*)		Shugart Y-7Rvrs-Q-GB		
• • · · · · · · · · · · · · · · · · · ·	FSL & 500' FWL					11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		
At proposed prod. zon	<sup>1e</sup> same							
	AND DIRECTION FROM NEAR	FOR TOWN OF DOST OF				Sec. 19, T1 12. COUNTY OF PARIS	85, R32E	
	Loco Hills, NM	LAI IOWN OR FOST OF	FFICE			Lea	NM	
15. DISTANCE FROM PROP	USED*	16	3. NO. ОГ АС	RES IN LEAS		OF ACRES ASSIGNED		
LOCATION TO NEARES PROPERTY OR LEASE 1 (Also to nearest dr)	LINE, FT.	500'	8	0	10	40		
18. DISTANCE FROM PROI			PROPOSED		20. ROT	ARY OR CABLE TOOLS		
OR APPLIED FOR, ON TH	IIS LEASE, FT.	150'	450	0		Rotary	ORK WILL START*	
21. ELEVATIONS (Show wh 3711' GR	ether DF, KT, GR, etc.)					ASAP		
23.	F	ROPOSED CASING	AND CEME	ENTING PRO	OGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SE	TTING DEPTH		QUANTITY OF CEM	ENT	
121/1	8 5/8"	24# <b>J-55</b> 8rc	1	375'		sxs circ		
7 7/8"	5 1/2"	15.5# J-55 8		4500'		sxs (tie bac	<u>k)</u>	
Selectively Attachments	v Perforate and	Treat Pay Zor	ne.					
Survey	/ Plat (C-102)							
Supple	emental Drilling	Data						
Surfac	e Use Plan	14845	4			2012 - 2012 1945 - 2012 - 2012		
	OPER. OGRID N	$-\frac{1-1}{2}$	<u> </u>					
	PROPERTY NO.	11156						
	POOL CODE	56439	<del></del>					
	EFF. DATE	1/ 10/95						
	APINO. 30.	025.3314	D.					
IN ABOVE SPACE DESCRIB zone. If proposal is to preventer program, if al	E PROPOSED PROGRAM : If drill or deepen direction	proposal is to deepen ally, give pertinent d	or plug bac ata on subsu	ck, give data arface locatio	on present proof	oductive sone and propo red and true vertical dep	sed new productive oths. Give blowout	
24. SIGNED Joursey	Defuter		Vice	Preside	ent	DATE	1/95	
(This space for Fed	eral or State office use)							
PERMIT NO.			APPRO	VAL DATE	<u> </u>			
		a si sa sa <b>ka</b> na						
APPROVED BY CONDITIONS OF APPRO	VAL, IF ANY :	TITLE	I			APPROVAL SUBJ GENERAL REQUI SPECIAL STIPUL	REMENTS AND	

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# \*See Instructions On Reverse Side

ATTACHED

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

District I PO Box 1980, Hobbs, NM 3228-2980 District II PO Drawer DD, Artesia, NM 32211-0719 District III 1000 Rio Brazos Rd., Aztee, NM 37410 District IV PO Box 2088, Santa Fe, NM 37504-2088

### State of New Mexico Energy, Minerals & Natural Resources Department

# OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

APR Number       'Pois Acase       'Pois Name $3O - 025 - 33$ (140)       56439       Shugart Y-ZRVTS-O-GB       'Will Number         17736       ORION FEDERAL       1       'Useriar Nume       'Bernana         10000000       ORION FEDERAL       1       'Derease Nume       'Bernana         10000000       ORION OILL & GAS PROPERTIES       3711.       'Bernana         11       19       ISS       2310       SOUTH       500       VEST       LEA         11       19       ISS       2310       SOUTH       500       VEST       LEA         10       Iss       22       10       SOUTH       500       VEST       LEA         10       ISS       Post from the Location If Different From Surface       Coust       Coust       Coust         11       Bottom Hole Location If Different From Surface       Coust       Coust       Coust       Coust         10       No ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTEL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNT HAS BEEN APPROVED BY THE DIVISION       Coust       Coust         10       In and complete the set of manuface and counter form if manuface and counte	WELL LOCATION AND ACREAGE DEDICATION PLAT											
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SUPPLEMENTAL	DRILLING DATA						
ORION OIL AND	GAS PROPERTIES						
ORION FEDERAL #1							
2310' FSL	<u>&amp; 500' FWL</u>						
Section 19:	T18S, R32E						
Lea County	<u>New Mexico</u>						
Lease Numbe	er: NM-9017						

The following items supplement "Onshore Oil and Gas Order No. 1":

1. The geologic surface is quaternary.

2. The estimated geological marker tops: Yates 2372' Seven Rivers 2548' Queen 3599' Grayburg 3974'

- 3. Estimated depths to water, oil or gas: Water: Approx. 220' Oil or Gas: 4100'
- 4. Proposed casing program:

<u>Size</u>	Interval	Weight	Grade	Joint	<u>New or Used</u>
8 5/8"	0'-375'	24#	J-55	ST&C	New
5 1/2"	0'-4500'	15.5#	J-55	ST&C	New

- 5. Pressure Control Equipment: The blowout preventer will be a double ram type preventer. A sketch is attached.
- 6. Mud Program:

0-375': Fresh water and native mud adding gel and lime for sufficient viscosity to insure clean hole for running casing.

275'-4500': Drill out with native becoming brine, adding starch & salt gel to maintain vis. of 30-32, mud wt. 9.8-10#/gal, pH 8.0.

- 7. Auxiliary Equipment: A kelly cock will be installed on the rig floor while drilling operations are in progress.
- 8. Testing & coring programs: None anticipated. Logging: Compensated Neutron-Formation Density-Gamma Ray-Caliper-Dual Laterlog-RXO @ 2600'-TD.
- 9. No abnormal pressures or temperature zones are anticipated. There has not been H2S encountered while drilling formations from surface to T.D. Therefore, we do not have any contingency plans for this well.
- 10. Anticipated starting date: Commence building location June 1, 1995 upon BLM approval.

#### SURFACE USE PLAN

#### FOR

#### DRILLING, COMPLETING AND PRODUCING

ORION OIL AND GAS PROPERTIES Orion Federal #1 2310' FSL & 500' FWL Section 19: T18S, R32E Lea County, New Mexico Lease Number: NM-9017

LOCATED: 15 miles Southeast of Loco Hills, New Mexico

FEDERAL LEASE NUMBER: NM-9017

- LEASE ISSUED: January 7, 1946 This portion NM-9017 segregated from LC-063559 February 1, 1969.
- RECORD LESSEE: Conoco, Inc.
- BOND COVERAGE: \$25,000 Bond of Orion Oil and Gas Properties

ACRES IN UNIT:

<u>SURFACE OWNERSHIP:</u> Federal

<u>GRAZING PERMITTEE:</u> Virgil Linan Estate

80

POOL:

EXHIBITS:

- A. Area Road Map
  - B. Topographic Map Showing Access Route
  - C. Lease Map Showing Well Site
  - D. Sketch of Well Pad

Shugart Y-7Rvrs-Q-GB

# BOP DIAGRAM RATED 3000#

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P. O. BOX 2523, ROSWELL, NEW MEXICO 88202

TELEPHONE (505) 622-2202 FAX (505) 623-1440

### STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

Orion Oil and Gas Properties P.O. Box 2523 Roswell, NM 88202-2523

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease No. NM-9017

Legal Description of Land: Section 19, T18S, R32E 2310' FSL & 500' FWL NW\sW\, Unit Letter L Lea County, New Mexico

Formations: Queen and Penrose

Bond Coverage: \$25,000 State-wide bond

BLM Bond File No.: Pending

Signed Cathy Batley-Seely Regulatory Specialist

Date: August 21, 1995

cc:file