	· · · ·	-			30-015.	ت ر ر م
Form 3160-3		NM OTL COM	C. COSUBALT IN TH	RIIICĂTE	 Form approved. 	
(November 1983)	רואוז	ED STATES a N	(Other Instrue	ctions on	Budget Bureau I Expires August	No. 1004-0136
formerly 9-331C)	DEPARTMEN	OF THE INTER	DR ⁸⁸²¹⁰			-
		LAND MANAGEMEN			5. LEASE DESIGNATION	
					6. IF INDIAN, ALLOTTER	
	FOR PERMIT	o drill, deepe	N, OR PLUG E			
a. TYPE OF WORK DRIL b. TYPE OF WELL	LXX	DEEPEN	PLUG BA	ск 🗌	7. UNIT AGREEMENT N.	IN B
OIL CAS			NGLE XX RECEIV		8. FARM OR LEASE NAM	(b
NAME OF OPERATOR					Indigo Feder	<u>al</u>
	Gas Corporati	on V			9. WELL NO.	
D O Roy 2522	, Roswell, NM	88202-2523	JAN 16	'91	10. FIELD AND POOL, O	R WILDCAT
LOCATION OF WELL (Rep	port location clearly and	in accordance with any S	tate requirements.*)	V	Wildcat Bone S	
At surface 660'	FSL & 1650' F	WL, SE¼SW¼, Unit	: Letter N O. C.	D . 7	11. SEC., T., R., M., OR F AND SUBVEY OR AR	BLK.
At proposed prod. zone			ARTESIA, I	OFFICE		
	same				Sec. 13: T20S	
		REST TOWN OR POST OFFICE	.		12. COUNTY OR PARISH	
22 MILES SOU	theast of Arte		. OF ACRES IN LEASE	1 17 NO (Eddy	NM
J. DISTANCE FROM PROFOS LOCATION TO NEAREST PROPERTY OR LEASE LIN (Also to nearest drig.	NE, FT.	660	720	тот	HIS WELL 40	
8. DISTANCE FROM PROPOS TO NEAREST WELL, DRI	ILLING, COMPLETED,	19. pr 1800	OPOSED DEPTH 8000 ¹	20. ROTA	RY OR CABLE TOOLS Rotary	
OR APPLIED FOR, ON THIS		1000			NUCAT y	RK WILL START*
3244' GR					ASAP	
3.	I	PROPOSED CASING AND	CEMENTING PROGR.	AM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMEN	ÍT
17 1/2"	13 3/8"	48#	300 ') sxs circ	
12 1/4"	8 5/8"	24# & 32#	2900'		<u>sxs circ</u>	
7 7/8"	5 1/2"	17# & 15.5#	8000'	1000) sxs	
					For	ID-1 5-91
					1-2	5-21
					Mur Su	KY API
			`			
Selectively p	erforate and t	reat zones.				
Attachments:			OUDIECT TO			
		APPROVAL	SUBJECT TO	n		
C-102		GENERAL	REQUIREMENTS AN	Ł		
	ntal Drilling		STIPULATIONS			
Surface	Use Plan	UTACHE	D			
N ABOVE SPACE DESCRIBE	PROPOSED PROGRAM : If rill or deepen directions	proposal is to deepen or p ally, give pertinent data o	olug back, give data on p on subsurface locations a	resent prod nd measure	uctive sone and propose ed and true vertical depth	a new productive ns. Give blowout
reventer program, if any.						
4.	$\alpha - r$	6				
SIGNED Cat	4 Matley-	July TITLE DI	illing Technic	ian	DATE12/	19/90
(This space for Federa	al or State office use					
ATTA SPACE IN FCUEL		\cup				
PERMIT NO.		· · · · · · · · · · · · · · · · · · ·	APPROVAL DATE		<u> </u>	
Orig Si	and in Although		- XARA MADARAN B ARLIMAN KU RUPAN, IN	цэ.	1-1	5-91
APPROVED BY CONDITIONS OF APPROVA	L, IF ANY :	TITLE	AND SHOT PLANES AND A		DATE	

*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.

NE. JEXICO OIL CONSERVATION COMMISSI WELL LOCATION AND ACREAGE DEDICATION PLAT

~

.• · ~.

-

Form C-102 Supersedes C+128 Effective 1-1-65

		All distance	es must be f	rom the outer	boundaries of t	he Section.				
Operator					Lease			Well No.		
SIETE OIL & GAS CORPORATION				Indigo Federal				2		
Unit Letter	Section Township			Range County						
N	13 20 South 28 East						Eddy	County, N.M.		
Actual Footage Loco	ation of Well:	•								
660	feet from the	South	line and	1650	feet	from the	West	line		
Ground Level Elev.	Producing For	mation		Pool	_			Dedicated Acreage:		
3244.		Spring		<u> </u>	Wildcat			40 Acres		
2. If more th interest ar	nd royalty).	dedicated t	o the wel	l, outline e	each and iden	ntify the o	wnership	thereof (both as to working		
dated by c Yes If answer this form i No allowal forced-poo	ommunitization, n No If a is "no," list the f necessary.) ble will be assign	unitization, f nswer is "ye owners and ed to the we	orce-pooli es;' type c tract desc ll until al	ng. etc? of consolid criptions w l interests	ation hich have ac have been c	tually bee	n consolic ed (by con	f all owners been consoli- dated. (Use reverse side of mmunitization, unitization, n approved by the Commis-		
sion.				ī				CERTIFICATION		
							toined h best of Name Drill Fosition Siete Company Decem Date	ing Technician ber 19, 1990 R. R. E. D. Centify that the information con- my knowledge and belief. M. D. H. J. C.		
1650	2 × ×		0 20				Date Surv Decem Registere and/or Lo	nber 4, 1990 rd Professional Engineer and Surveyor <i>R. Reoch</i>		

SUPPLEMENTAL DRILLING DATA SIETE OIL AND GAS CORPORATION INDIGO FEDERAL #2 660' FSL & 1650' FWL Section 13: T20S, R28E Eddy County, New Mexico Lease Number: LC-050797

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

1. The geologic surface is rustler anhydrite.

2. The estimated geological marker tops:

Del.	Sand	3000 '
Bone	Spring	5400'

3. Estimated depths to water, oil or gas:

Water: Approx. 150' Oil or Gas: 3200'

4. Proposed casing program:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>New or Used</u>
	0 - 300'	48#	J-55	LT&C	New
8 5/8 "	0 - 2900'	32#&24#	J - 55	LT&C	New
5 1/2"	0 - 8000'	15.5#	J-55	LT&C	New

- 5. Pressure Control Equipment: The blowout preventer will be a double ram type preventer. A sketch is attached.
- 6. Mud Program: 0-250': Fresh water & native mud adding gel & lime for sufficient viscosity to insure clean hole for running casing. 250-2900': Cut brine. 2900-8000': Drill out with native becoming brine, add starch and salt gel to maintain a viscosity of 30, @ TD 40; mud weight 9.3#.
- 7. Auxiliary Equipment: A kelly cock will be installed on the rig floor while drilling operations are in progress.
- 8. Testing, logging & coring programs: Possible DST and/or coring is not planned.
- 9. No abnormal pressures or temperature zones are anticipated.
- 10. Anticipated starting date: Commence drilling operations ASAP.

SURFACE USE PLAN

FOR

DRILLING, COMPLETING AND PRODUCING

SIETE OIL AND GAS CORPORATION Indigo Federal No. 2 660' FSL & 1650' FWL Section 13: T20S, R28E Eddy County, New Mexico Lease Number: NM-050797

LOCATED:	22 miles	Southeast	of	Artesia,	New Mexico

FEDERAL LEASE NUMBER: NM-050797

LEASE ISSUED: January 1, 1940

<u>RECORD LESSEE:</u> Collier Petroleum

720

- -

BOND COVERAGE: \$25,000 Bond of Siete Oil and Gas Operator

ACRES IN LEASE:

<u>SURFACE OWNERSHIP:</u> Federal

POOL: Wildcat Bone Spring

EXHIBITS:

A. Area Road Map

- B. Topographic Map Showing Access Route
- C. Lease Map Showing Well Tests
- D. Sketch of Well Pad

ROAD LOG TO PROPOSED DRILLSITE

-

Starting point is at the intersection of US Highway 206 and US Highway 82 East of Artesia, NM:

0.00 Proceed South on County Road 206 8.5 miles.

- 8.50 Turn East-Southeast on County Road 237 and proceed 2.4 miles to County Road 238.
- 11.90 Turn East on County Road 238 and go 3.4 miles past Indigo Fed. #1.
- 12.30 Turn South and go .4 miles to Indigo Fed. #3.
- 12.70 Turn East and go .2 miles.
- 12.90 Location.

THIRTEEN POINT PROGRAM

1. EXISTING ROADS:

A. Existing roads, which lead to the proposed drillsite, are shown on Exhibits "A" & "B".

2. PROPOSED NEW ROAD:

- A. The new access road will be approx. 14' wide and approx. 660' long. It will enter the proposed location from the Southwest corner. The new access road is shown on Exhibit "B".
- B. <u>Surfacing Materials</u>: Caliche
- C. Maximum Grade: Less than 1%
- D. Turnouts: None required
- E. Drainage Design: None required
- F. <u>Culverts:</u> None required
- G. Cuts and Fills: Less than 3'
- H. Gates and Cattleguards: None required
- 3. LOCATION OF EXISTING WELLS:
 - A. Existing wells are shown on Exhibit "C".
- 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:
 - A. If well is productive, we will lay approx 2000' of 2" polyeurethane flowline from the proposed location to the Indigo Federal #1 tank battery (NW\SW\).
- 5. LOCATION AND TYPE OF WATER SUPPLY:
 - A. A water supply well is not planned. Water will be purchased and hauled to the well site over existing roads.
- 6. SOURCE OF CONSTRUCTION MATERIALS:
 - A. Construction materials will be obtained from a federal pit located in Sec. 17, T20S, R29E (SEASWA).
- 7. METHODS OF HANDLING WASTE DISPOSAL:
 - A. Drill cuttings will be disposed of in the drilling pits.

- B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
- C. Water produced during tests will be disposed of in the drilling pits.
- D. Oil produced during tests, will be put into frac tanks.
- E. Trash, waste paper, garbage and junk will be buried in a trash pit and covered with a minimum of 24" of dirt. All waste material will be contained to prevent scattering by the wind. Location of the trash pit is shown on Exhibit "D".
- 8. ANCILLARY FACILITIES:
 - A. If needed, an electric line will be ran to an existing electrical line located at the Indigo Fed. #1.
- 9. WELLSITE LAYOUT:
 - A. The drill site has been surveyed, staked and flagged.
 - B. The dimensions and relative location of the drill pad, mud pits and the trash pits with respect to the wellbore are shown on Exhibit "D".
 - C. The wellsite is nearly level and will not require any cut or fill. The drill pad will be surfaced with caliche.

10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operations, all equipment and other materials not needed for operations will be removed. Pits will be filled and the location cleansed of all trash and junk to leave the wellsite in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment, all equipment, trash and junk will be removed and the location cleaned. Any special rehabilitation and/or special revegetation requirements of the surface management agency will be complied with and accomplished as expeditiously as possible.
- 11. OTHER INFORMATION:
 - A. <u>Topography:</u> The surface is relatively flat, drainage to the Southwest.
 - B. Soil: The top soil at the well site is a chalky, white gypsum soil.

- C. <u>Flora and Fauna</u>: Vicinity surrounding the drillsite is semi-arid desert rangeland. Vegetation is thinly scattered with desert shrubs interspersed with a small amount of native grasses. No wildlife was observed, rodents, coyotes, dove or quail.
- D. Ponds and Streams: None in the area.
- E. Residences and other structures: None in the immediate area.
- F. <u>Archaeological, Historical and Other Cultural Sites:</u> None were observed in this area. The pad area was archaeologized on December 4, 1990.
- G. Land Use: Grazing and occasional hunting.
- 12. OPERATOR'S REPRESENTATIVE:

Representative responsible for assuring compliance with the approved Surface Use Plan:

Harold D. Justice Petroleum Building, Suite 200 200 West First Roswell, New Mexico 88202 Office: 622-2202 Home: 625-0072

13. CERTIFICATION:

I hereby certify that I, or persons under my supervision have inspected the proposed drillsite and access road; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and that the work associated with operations proposed herein will be performed by SIETE OIL AND GAS CORPORATION, and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

SIETE OIL AND GAS CORPORATION

Date: 12/19/90

Stin 033

Harold D. Justice V.P. Drilling & Production





		· · · · · · · · · · · · · · · · · · ·	there is the	S A	ž	er ster		100 10. IV.	¢	i	: •
Service Ser	Views on State 1964 - On State 1964 - States Justice 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		10 10 10 10 10 10 10 10 10 10	2.0 Verterie (? 2.41) 2.0 Verterie (? 2.41) 7.11 7.11 7.11 7.11 7.11 7.11 7.11 7.11 7.12 7.	Tates Pet 1		¹ ¹ ¹ ¹ ¹ ¹ ¹ ¹			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
Line Hoten II. Line Hoten II.		and the second state of th				11111111111111111111111111111111111111			Amere (1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	36	
1					OXY OXY OXY OXY OXY OXY OXY OXY		Levers - 1 Martine	Contraction 26	Mortonio (aHP) 0.42112 5.1210 5.518 4.52 4.53 4.55 4.55 4.55 4.55 4.55 4.55 4.55	VICER) 35 Interior	1.1.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
100 6 10 10 10 10 10 10 10 10 10 10 10 10 10	₩2 (*** 10	"Gov"			Ser BHP Street	0x7 0x7 0x7 0x7 0x7 0x7 0x7 0x7				ALTERNATION OF THE PET	
	оку К. Ч	Mr. 10122 - 4	(1.1) 1.1 (1.1) (1								
	Mem Bourne Oil 8484 84444 8444 8444 8444 84444 84444 84444 84444 84444 84444 84444 84444 84444 8444		50 111111	27 XXX	(Hayes Partmens) (199 Kerfern (Hayes Partmens) (199 Kerfern (199 Kerter) (199 Kerfern (199 Kerter) (199 Kerte	20 20	Werg Fer Some Fe Post Fer Some Fe Ford Source Fer 202 Pa Source Fer 202 Pa 15 Main 18	2. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	ET CONTINUES (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	All and a second	
V. S. C.	(11) Memberre OI 1758 1758 1758 1758 1758 100 100 100 100 100 100 100 10	014 124 13 R R R R R R R R R R R R R R R R R R R	JH More 9						11 CT 1 FAON 1 Show Dr. FAON C. YOUNDARY 1 2 3 FORMAN C. STATE	1013 3 3 4 	Parts of Sec. of the Sec.
C 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VE-15-70-10 VE-15-70-10 VE-15-70-10 VE-15-70 VE-15-70-10 VE-15-70	TX0 116.12 Difference	Ē	INDIG	HIBIT "C O FEDERA SL & 1650 13: T20 nty, New	L #2		The state of the s	Cit. Serv. L. M. L.		



Section 13: T2OS, R28E Eddy County, New Mexico

, New Me>