

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-045-25790

Form C-101
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Sovereign Oil Company 303 530-0608		8. Farm or Lease Name Sovereign 32-6
3. Address of Operator 7490 Clubhouse Road, Ste 102, Boulder, Colorado 80301		9. Well No. No. 1
4. Location of Well UNIT LETTER E LOCATED 1730 FEET FROM THE North LINE AND 900 FEET FROM THE West LINE OF SEC. 9 TWP. 32N RGE. 6W NMPM		10. Field and Pool, or Wildcat W/C PC
11. County San Juan		12. County San Juan
19. Proposed Depth 3185 KB		19A. Formation Lewis
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6157 G.L.
21A. Kind & Status Plug. Bond One time		21B. Drilling Contractor Four Corners
22. Approx. Date Work will start on approval		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13 3/4	9 5/8	36#	200'	200-3% CaCl	Surface
7 7/8	4 1/2	10.5#	3185'	325 sx	Cover Ojo Alamo

Drill 13 3/4" hole with spud mud. Set 9 5/8" surface casing and cement to surface. WOC 12 hours. Nipple up BOP's and bleed off manifold and test to 600 psi for 30 min. Drill 7 7/8" hole to 1300'. Begin deviation with Dynadrill maintaining 8° to 11° deviation to proposed TD. Actual depth approximately 3155' KB. Location at TD: 900' FWL, 1500' FNL Section 9, T32N R6W. Run & cement 4 1/2" casing to 1100' depth.

Expected tops: Ojo Alamo-1410'; Kirtland-1530'; Fruitland-2570'; Pictured Cliffs 2740'; Lewis Shale-3140'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Mark Kiddle Title Engineer Date 2/1/83

(This space for State Use)

APPROVED BY Frank J. Dwyer TITLE DATE 2-16-83

CONDITIONS OF APPROVAL, IF ANY: NSP-1329 A for 118.2
NSP-1329 A for 237.60

NSP

All distances must be from the outer boundaries of the Section.

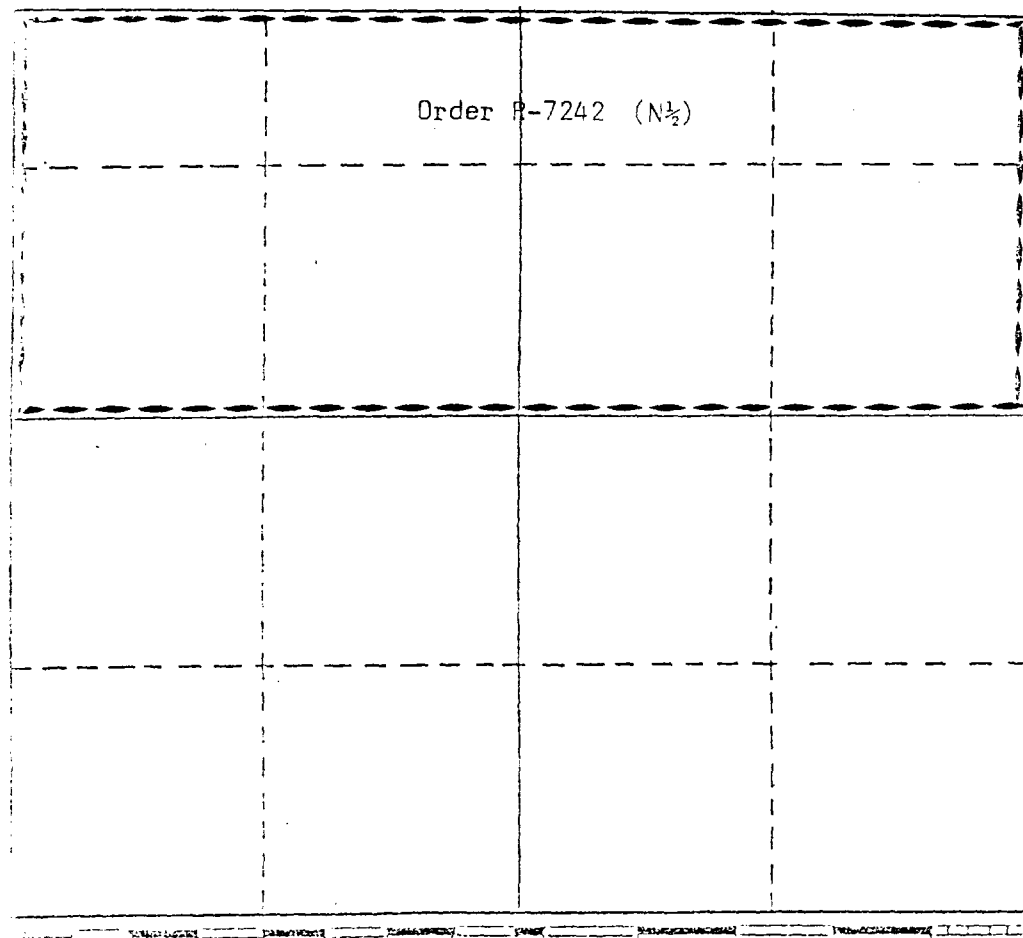
Operator Sovereign Oil Company		Lease Sovereign 32-6		Well No. 1
Unit Letter E	Section 9	Township 32N	Range 6W	County San Juan
Actual Footage Location of Well: 1730 feet from the North line and 900 feet from the West line				
Ground Level Elev. 6157 GR	Producing Formation Pictured Cliffs	Pool Wildcat-Pictured Cliffs	Dedicated Acreage: 237.60 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

	<p align="center">CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p>
	<p>Name <i>AR Kendrick</i></p> <p>Position Agent</p> <p>Company Sovereign Oil Company</p> <p>Date August 31, 1983</p>
	<p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i></p>
	<p>Date Surveyed _____</p>
	<p>Registered Professional Engineer and/or Land Surveyor _____</p>
	<p>Certificate No. _____</p>

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.		

1a. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Form or Lease Name Navajo Lake 32-6	
2. Name of Operator SOVEREIGN OIL COMPANY		9. Well No. 1	
3. Address of Operator 7490 Clubhouse Rd., Suite 102, Boulder, CO 80301		10. Field and Pool, or Well Unit Undesignated Cliffs	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1730</u> FEET FROM THE <u>N</u> LINE AND <u>800</u> FEET FROM THE <u>W</u> LINE OF SEC. <u>9</u> TWP. <u>32N</u> RGE. <u>6</u> W. <u>10E</u>		12. County San Juan	
15. Date Spudded 1/21/83	16. Date T.D. Reached 1/29/83	17. Date Compl. (Ready to Prod.) 4/14/84	18. Elevations (DF, RKB, RT, GR, etc.) 6157 Gr; 6169' KB
19. Elev. Casinghead 6159'	20. Total Depth 3181'		
21. Plug Back T.D. 300-3115'		22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools All
24. Producing Interval(s), of this completion - Top, Bottom, Name Pictured Cliffs - 2826' to 3020'			25. Was Directional Survey Made yes
26. Type Electric and Other Logs Run Gearhart IES \$ GR/D/N Blue Jet CBL			27. Was Well Cored no
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
8 5/8"	24 New	256	12 1/4
4 1/2"	11.6 New	3180	7 7/8
			CEMENTING RECORD
			250 sax 4% CaCl ₂ 288 cu ft
			302 sax HOWCO lite cmt and 150 sax class B cement 556 cu ft
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
None			
			SCREEN
			2 3/8
			DEPTH SET
			2860'
			PACKER SET
			None
31. Perforation Record (Interval, size and number) Pictured cliffs with 17 (0.34") jets by Blue Jet at 2826'-30'-32'-46'-50'-54'-61'; 2916'-18'-48'-52'-56'-82'-88'-96'; 3000'-20'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	
		2826' - 3020'	
		AMOUNT AND KIND MATERIAL USED	
		250 gal 15% HCl. & Foam	
		Frac w/70 quality foam; 80,000	
		#20/40 sd. by HOWCO	
33. PRODUCTION			
Date First Production await pipeline connection		Production Method (Flowing, gas lift, pumping - Size and type pump) Flow	
Well Status (Prod. or Shut-in) shut-in			
Date of Test 4-14-84	Hours Tested 3	Choke Size 0.75 C.N.	Prod'n. For Test Period
Flow Tubing Press. 61 psig	Casing Pressure 454 psig	Calculated 24-Hour Rate	Oil - Bbl. 0
		Gas - MCF 891	Water - Bbl. Est. 15
		Oil Gravity - API (corr.)	
34. Disposition of Gas (sold, used for fuel, vented, etc.) Vent on test - To be sold to Northwest Pipeline		Test Witnessed By	
35. List of Attachments 3 hr Flow test Form C-122			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED <u>M. R. M. Coy</u>		TITLE <u>Chief Geologist</u>	
		DATE <u>5/04/84</u>	

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

Southeastern New Mexico

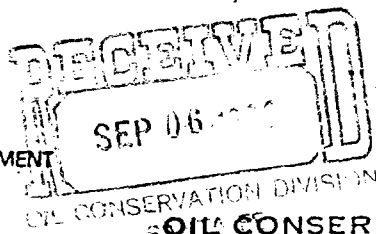
T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Granite _____
T. Drinkard _____	T. Delaware S. _____
T. Abo _____	T. Bone Spring _____
T. Wolfcamp _____	T. _____
T. Penn. _____	T. _____
T. Cisco (Bough C) _____	T. _____

T. Ojo Alamo	1572	T. Penn. "B"
T. Kirtland-Fruitland	1621	T. Penn. "C"
T. Pictured Cliffs	2781	T. Penn. "D"
T. Cliff House		T. Leadville
T. Menefee		T. Madison
T. Point Lookout		T. Elbert
T. Mancos		T. McCracken
T. Gallup		T. Ignacio Qtzte
Base Greenhorn		T. Granite
T. Dakota		T.
T. Morrison		T.
T. Todilto		T.
T. Entrada		T.
T. Wingate		T.
T. Chinle		T.
T. Permian		T.
T. Penn. "A"		T.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			<u>Measured Depths</u>				<u>True Vertical Depths</u>
376	1572	196	Animas	1376	1520	194	Animas
572	1621	49	Ojo Alamo	1570	1619	49	Ojo Alamo
621	2580	959	Kirtland	1619	2560	941	Kirtland
580	2781	201	Fruitland	2560	2750	190	Fruitland
781	3062	281	Pictured Cliffs	2750	3030	280	Pictured Cliffs
062			Lewis	3030			Lewis

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator: Sovereign Oil Company

Address: 3300 Mitchell Lane, Suite 175, Boulder, Colorado 80301

Reason(s) for filing (Check proper box):
☒ New Well
☐ Recompletion
☐ Change in Ownership

Change in Transporter of:
☐ Oil
☐ Casinghead Gas
☐ Dry Gas
☐ Condensate

Other (Please explain) From: Navajo Lake 32-6
 NAME CHANGE: Navajo Lake 32-6

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Navajo Lake 32-6	Well No. 1	Pool Name, including Formation Undesignated, Pictured Cliffs	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter: 1,730 Feet From The North Line and 900 Feet From The West Line of Section 9, SWNW Township 32 North Range 6 West, NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Northwest Pipeline Corporation	PO Box 8900, Salt Lake City, Utah 84108-0900
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
	Yes June 20, 1985

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

OIL CONSERVATION DIVISION

APPROVED _____, 1985
 BY [Signature]
 TITLE _____

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
 Separate Forms C-104 must be filed for each pool in multiple completed wells.

Malcolm E. A. McLaughlin
 Vice President
 July 26, 1985

SEE COMPLETION REPORT - RECEIVED BY OIL CONSERVATION
DIVISION MAY 14, 1984

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'ty.	Diff. Res'ty.
			X	X					
Date Spudded 1/21/83	Date Compl. Ready to Prod. 4/14/84	Total Depth 3181				P.B.T.D. 3115			
Elevations (DF, RKB, RT, GR, etc.) 6157 GR; 6169 KB	Name of Producing Formation Pictured Cliffs	Top Oil/Gas Pay 2826				Tubing Depth 2860			
Perforations Pictured Cliffs with 17 (0.34") jets by Blue Jet at 2826'-30'-32'-46'-50'-54'-61'; 2916-18'-48'-52'-56'-82'-88'-96'; 3000'-20'						Depth Casing Shoe 3180			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
CASING: 12 1/4		8 5/8"		256		250 sax 4% CaCl ₂			
CASING: 7 7/8		4 1/2"		3180		302 sax HOWCO lite cmt. & 150 sax class B cmt.			
TUBING:		2 3/8"		2860					

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D 891	Length of Test 3 Hours	Bbls. Condensate/MMCF Est. 15	Gravity of Condensate (Factor) Est. 1.0
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (shut-in) 61 psig	Casing Pressure (shut-in) 454 psig	Choke Size 0.75 C.N.

All distances must be from the outer boundaries of the Section.

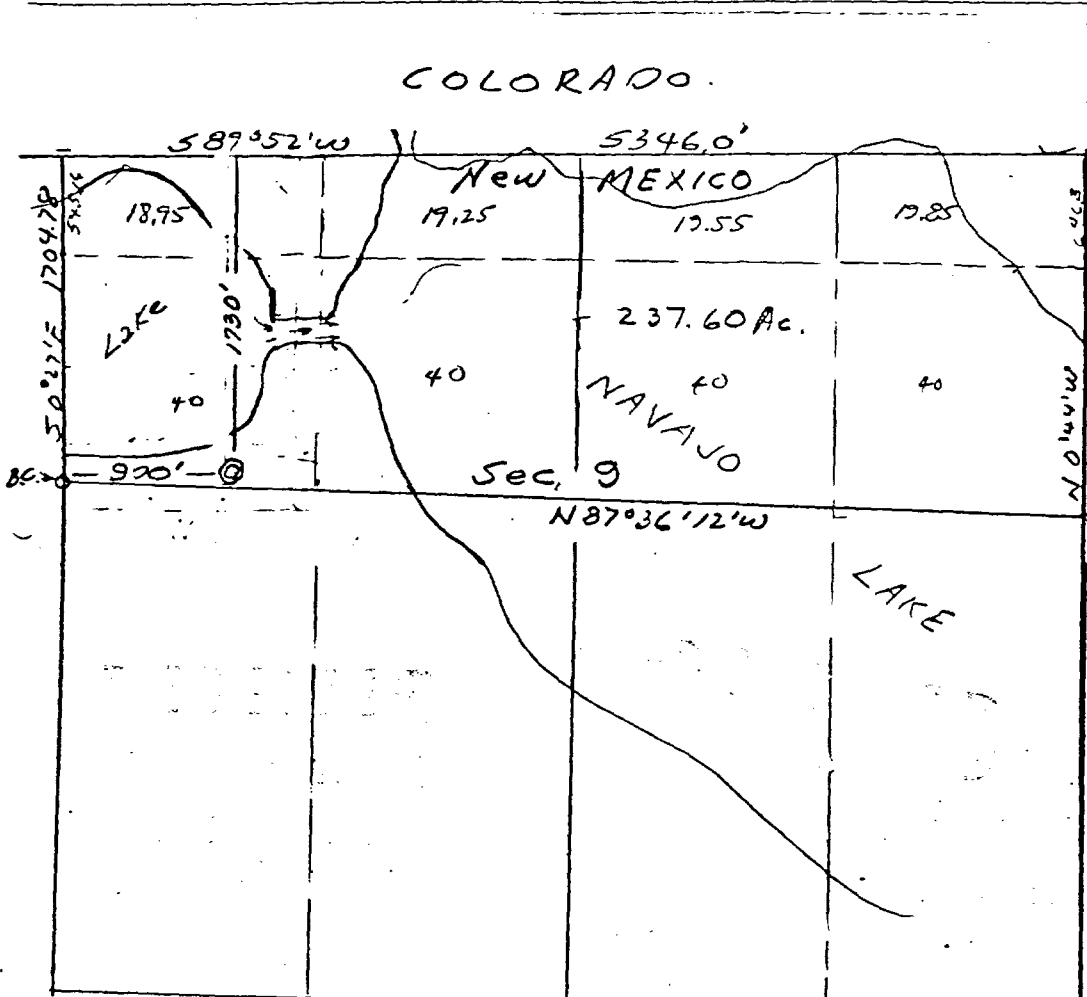
Operator SOVEREIGN OIL CO.			Lease SOVEREIGN 32-6		Well No. NO. 1
Unit Letter E	Section 9	Township 32 NORTH	Range 6 WEST	County SAN JUAN COUNTY	
Actual Postage Location of Well:					
1730 feet from the NORTH		900 feet from the WEST			
Ground Level Elev. 6257	Producing Formation PICTURED CLIFFS	Pool Wildcat		Dedicated Acreage 119.20	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☒ No If answer is "yes," type of consolidation **UNITIZATION**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

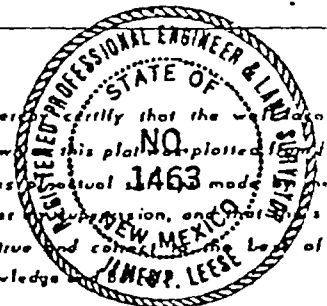


CERTIFICATION

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

MERLYN L. RIDGEN
Name
ENGINEER
Position
SOVEREIGN OIL COMPANY
Company
JANUARY 17, 1983
Date

I hereby certify that the well shown on this plat was plotted from notes of actual survey made under supervision, and that the same is true and correct to the best of my knowledge.



January 6, 1983

Date Surveyed

James P. Leese

Registered Professional Engineer and/or Land Surveyor

James P. Leese

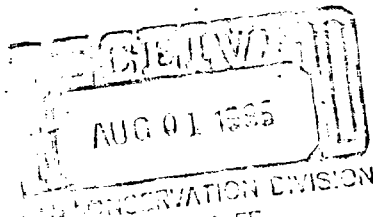
Certificate No.

1463

OIL CONSERVATION COMMISSION

1000 Rio Brazos Road

AZTEC, NEW MEXICO 87410



NOTICE OF GAS CONNECTION

DATE July 10, 1985

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF

GAS FROM THE Sovereign Oil Company
OPERATOR

Sovereign
Navajo Lake 32-6 LEASE #1 WELL UNIT 9 32N 6W
S - T - R

Underminated Pictured Cliffs POOL
NORTHWEST PIPELINE CORPORATION
NAME OF PURCHASER

WAS MADE ON 6-22-85 DATE , FIRST DELIVERY 6-22-85 DATE

110 MCF
INITIAL POTENTIAL

P
D45

NORTHWEST PIPELINE CORPORATION
PURCHASER

[Signature]
REPRESENTATIVE

ASSOCIATE CONTRACT ANALYST
TITLE

cc: OPERATOR
SOVEREIGN OIL CO
3300 MITCHELL LANE
SUITE 175
BOULDER, CO 80301

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 4-14-84	
Company SOVEREIGN OIL COMPANY		Connection CONNECTION DIVISION SANTA FE	
Pool Undesignated		Formation Pictured Cliffs	
Completion Date 4-4-84		Total Depth 3181	Plug Back TD
Elevation TbgHd:6159		Farm or Lease Name Navajo Lake 32-6	
Csq. Size 4 1/2	Wt. 10.5	Set At 3180	Perforations: From 2826 To 3020
Tbg. Size 2 3/8"	Wt. 4.7	Set At 2860'	Perforations: From Open end To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	County San Juan
Producing Thru Tubing		Reservoir Temp. °F p	Mean Annual Temp. °F p
Baro. Press. - P _g		State New Mexico	
L	H	G _g	% CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	231 hrs						1491		1483		SI
1.	0.75 C.N.						96		654		1 hr
2.	0.75 C.N.						80		467		2 hrs
3.	0.75 C.N.						61		454		3 hrs
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mc/d
1	12.365		108	74° - .9868	Est. 1.0	1.007	1327
2	12.365		92	74° - .9868	Est. 1.0	0	1123
3	12.365		73	74° - .9868	Est. 1.0	0	891
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1503 P _c ² 2259009				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{2259009}{2253680}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{(1.002)^{.85}}{1.002} = 1.002$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 891 \times 1.002$$

Absolute Open Flow	893	Mcf/d @ 15.025	Angle of Slope @	Slope, n	0.85
--------------------	-----	----------------	------------------	----------	------

Remarks: Water vapor in 2 min. started heavy water vapor in 33 min. and continued throughout test. Est 4-5 BWPH

Approved By Division	Conducted By: John Heller	Calculated By: John Heller	Checked By:
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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease

State ☐Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Sovereign Oil Company	8. Farm or Lease Name Sovereign Navajo Lake 32-6
3. Address of Operator 7490 Clubhouse Road, Suite 102, Boulder, Colorado 80301	9. Well No. 1
4. Location of Well UNIT LETTER <u>E</u> 1730 FEET FROM THE <u>North</u> LINE AND <u>900'</u> FEET FROM THE <u>West</u> LINE, SECTION <u>9</u> TOWNSHIP <u>32 N</u> RANGE <u>6 W</u> NMPM.	10. Field and Pool, or Wildcat Wildcat <u>PC</u>
15. Elevation (Show whether DF, RT, GR, etc.) 6157' GL 6169' KB	12. County San Juan

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	

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

Spud 12 $\frac{1}{4}$ " hole at 7:30 P.M. 1/21/83. Drill to 264'. Set 6 jts.
8 5/8" 24#/ft k-55 casing at 260' KB. Drill 7 7/8" hole to 3182' KB
with fresh water gel mud system. Using Dyna-Drill to whipstock well
to bottom-hole location of 1500' FNL, 900' FWL \pm 50'. Run IEL/CDL/CNL
logs. Run 75 jts. 4 $\frac{1}{2}$ " new 11.6#/ft J55 casing. Casing landed at 3180'
KB. Cemented with 302 sx. Howco lite cement and 150 sx class "B" cement
w/4% gel. Plug down at 1:30 A.M. 1/30/83.

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

SIGNED James M. Long TITLE Operations Engineer DATE 2/6/83APPROVED BY Frank J. Long TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION
 P. O. BOX 2088
 SANTA FE, NEW MEXICO 87501

Form C-103
 Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
 State ☒ Fee ☐
 5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
 USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☒ OTHER-
 Name of Operator
Sovereign Oil Company
 Address of Operator
7490 Clubhouse Rd. Suite 102 Boulder, Colo. 80301
 Location of Well
 UNIT LETTER E 1730 FEET FROM THE North LINE AND 7/800' FEET FROM
 THE West LINE, SECTION 9 TOWNSHIP 32N RANGE 6W NMPM.

7. Unit Agreement Name
 8. Farm or Lease Name
Sovereign 32-6
Navajo Lake
 9. Well No.
4256 No. 1
 10. Field and Pool, or Wildcat
Ignacio Blanco WCPC

15. Elevation (Show whether DF, RT, GR, etc.)
 6169' K.B. 6157' G.L.

12. County
 San Juan

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
 NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

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

On January 23, 1983, 256' of new 8 5/8" 24#/ft casing was set and cemented with 250 sx. of Class "G" cement with 100% returns. After 12 hours the casing was pressure tested to 1500# for 15 minutes before drilling out.

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

SIGNED Loyne M. Long TITLE Operations Engineer DATE 4/19/83
 APPROVED BY John D. Long TITLE Superintendent DATE _____
 CONDITIONS OF APPROVAL, IF ANY: