SUBMIT IN TRIPLICATE*

Form approved.

(Other instructions on

Bu	dget	Bureau	No.	42-R1425.
_	>	-6	_	

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		OGICAL SURVEY	 .		Construct	
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1a. TYPE OF WORK					7. UNIT AGREEMENT	
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	CAS OTHER		SINGLE MULTI	IPLE	S. FARM OR LEASE N	AME
WELL	WELL OTHER		ONE ZONE	— ⊔.	Heeri)	
Stronger Ban	ear Guengentich	1			9. WELL NO.	
3. ADDRESS OF OPERATOR	CO ACCUSAGE			· ·	15	
P. A. Rose	SOR. Paradonte	e. New Feedoo	27401		10. FIELD AND POOL,	OR WILDCAT
LOCATION OF WELL (I	Report location clearly an	d in accordance with any	State requirements.*)		Beein Beto	ta ·
1645 Just Dr	on the South 11	no and \$30 fost	from the West	line.	11. SEC., T., R., M., OI	R BLK.
At proposed prod. zo		eve.			Sec. 16, 2-2	er, b-ai,
					E.F.F.M.	
		AREST TOWN OR POST OFFI	· ·		12. COUNTY OR PARIS	H 13. STATE
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LOCATION TO NEARES PROPERTY OR LEASE	IT LINE, FT.	30 re.	2560		2 WELL 3	20 Aures
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(Also to nearest dri		19. P	7950 F	20. ROTA	Rotary	
(Also to nearest dri 18. DISTANCE FROM PRO TO NEAREST WELL, I OR APPLIED FOR, ON TE	POSED LOCATION* DRILLING, COMPLETED, HIS LEASE, FT. mether DF, RT, GR, etc.)	19. P		20. ROTA	22. APPROX. DATE V	VORK WILL START*
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

8IGNED	Original Signed By	Area Super	interclant.	DATE	Age:11	28,	1970
(This space for Federal or	State office use)	APPROVAL DATE	, Ø				
APPROVED BYCONDITIONS OF APPROVAL, IF A			MAY 1	2=4 9 78	<u></u>		
oh Frak	*C		e. a. overen Ludicia				

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1963---O-711-396

- or o

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

function (1), Supersedes (+)18 Emergive 1-1-65

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

1. Outline the aureage dedicated to the subject well by colored pencil or hachure marks on the plat below.									
1645 test from the SOUTH time and 830 test from the WEST time. Ground Lyne, E.ev. From time SOUTH time and Pool Basin 320.360 1. Outline the acreage dedicated to the subject well by colored pencil or hackure 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 wirk interest and royalty). 3. If note than one lease of different ownership is dedicated to the well, have the interests of all owners been a dated by communication, unitization, force-pooling, etc? 1. The South State owners and tract descriptions which have actually been consolidated. Use revuise significant to the subject which have actually been consolidated. Use revuise significant time is "poil" list the owners and tract descriptions which have actually been consolidated. Use revuise significant time is "poil" list the owners and tract descriptions which have actually been consolidated. Use revuise significant time is the consolidated to the subject well by colored pencil or hackure marks on the plat below.									
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If answer is "mil" list the owners and tract descriptions which have actually been consolidated. Use revuse si	(· · < /);-								
The annuable will be assigned to the well until all interests have been consolidated the non-tantitudinal forming profite and the consolidated the non-standard unit, eliminating such interests, has seen approved by the Consolidated.	11								
Rudy D. Motto Area Superintendent Supron Energy Corporati May 11, 1978	t								
Since on this aid was parted from the cross of actual surveys made by me three of surveys made by me three my supervision, and mention is as three and correct to three best of conclusions and the conclusions of the conclus	from f.e.s by me or the some lest of ms								
1/21 660 90 1321 1/50 1980 231C 2640 2000 1600 500 0									

United States Geological Survey P. O. Box 1809
Durango, Colorado 81301

Attention: Mr. Jerry Long

Dear Sir:

Supron Energy Corporation proposes to drill the Jicarilla "E" No. 15 well located 1645 feet from the South line and 830 feet from the West line of Section 16, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

The following attachments are included with this application:

- 1. Map of existing roads.
- 2. Planned access road which is approximately 600 feet long.
- 3. Location of existing wells.
- 4. Lateral roads to well locations.
- 5. Location of surface equipment if required.
- 6. Drilling and Completion water will be obtained from the Supron Energy Corporation water well located in the SW 1/4, Section 23, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.
- 7. Waste will be disposed of by being placed in the reserve pit and buried upon completion of the well.
- 8. There will be no camp at or near the well site.
- There will be no air strip.
- 10. A plat is attached showing the location of the rig, mud tanks, reserve pit, burn pit, etc.
- 11. A letter of Certification is attached.
- 12. After the well is completed the location will be cleaned up and bladed. When the location is built the reserve pit will be fenced on three sides. After the well is drilled the pit will be fenced off. After the reserve pit dries it will be cleaned up and restored to its natural state.
- 13, The soil is sandy loam with the principal vegetation being Sage Brush.

JICARILLA "E" NO. 15

SUPPLEMENT TO FORM 9-3310

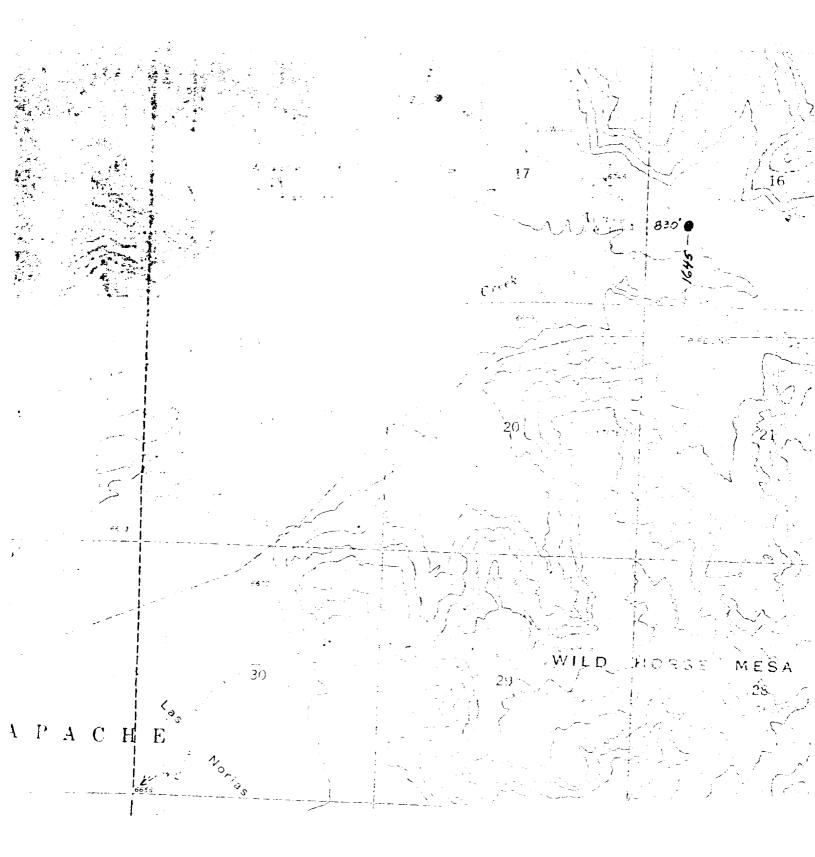
- 1. The Geologic name of the surface formation is "Wasatch".
- 2. The estimated tops of important Geologic markers are:

A.	Base of Ojo Alamo	3070	Feet
В.	Fruitland	3275	feet
C.	Pictured Cliffs	3365	feet
D.	Cliff House	5025	feet
E.	Point Lookout	5510	feet
F.	Gallup	6730	feet
G.	Dakota	7680	feet

3. The estimated depth at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are:

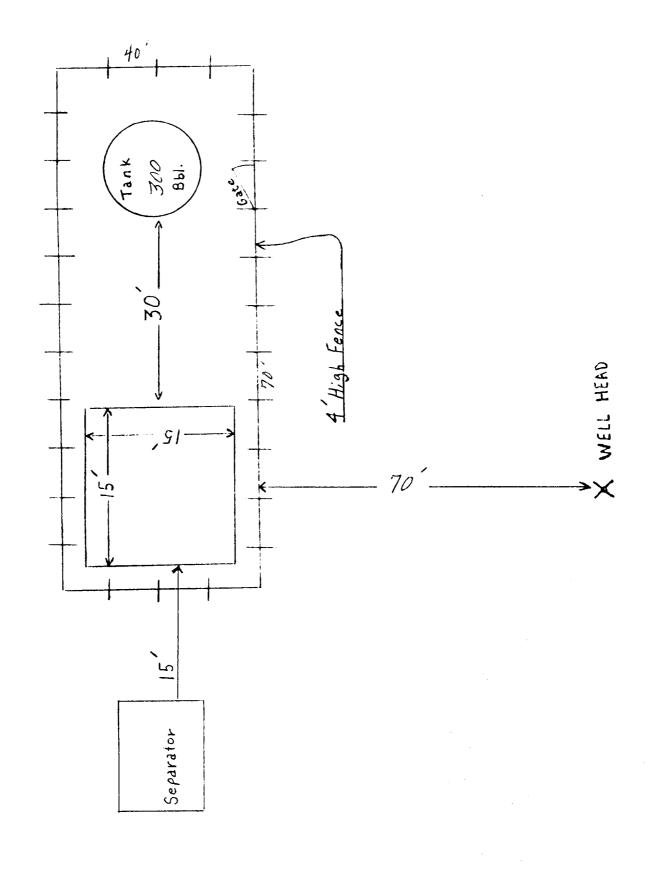
A.	Base of Ojo Alamo	3070	feet	- Water
В.	Fruitland	3275	feet	- Water
C.	Pictured Cliffs	3365	feet	- Gas
D.	Cliff House	5025	feet	- Gas
E.	Point Lookout	5510	feet	- Gas
F.	Gallup	6730	feet	- Gas
G.	Dakota	7680	feet	- Gas

- 4. The casing program is shown on Form 9-3310 and all casing is new.
- 5. The lessee's pressure control equipment schematics are attached along with minimum specifications, testing proceedures and frequencies.
- 6. The type, estimated volumes and characteristics of the circulating medium are as follows:
 - A. From O feet to 250 feet Natural Mud
 - B. From 250 feet to 4150 feet Permaloid Non dispersed mud containing 167 sx of Gel, 67 sx of Permaloid and 10 sx of C.M.C. Mud wt. will be held between 8.2# and 8.8#.
 - C. From 4150 feet to 7950 feet Air
- 7. The auxiliary equipment to be used will be floats at the bit and a sub on the floor with a full opening valve to be stabbed into the drill pipe when the Kelly is not in the string.
- 8. This well is in an area which is almost completely developed; therefore, we will not have a testing and coring program. The logging program will be as follows:
 - A. E.S. Induction
 - B. Gamma Ray Density
 - C. Gamma Ray Correlation
 - D. Cement Bond or Temperature
- 9. There are no abnormal pressures, temperatures or hydrogen sulfide problems expected in this highly developed area.
- 10. The anticipated starting date for this well is August 1, 1978.



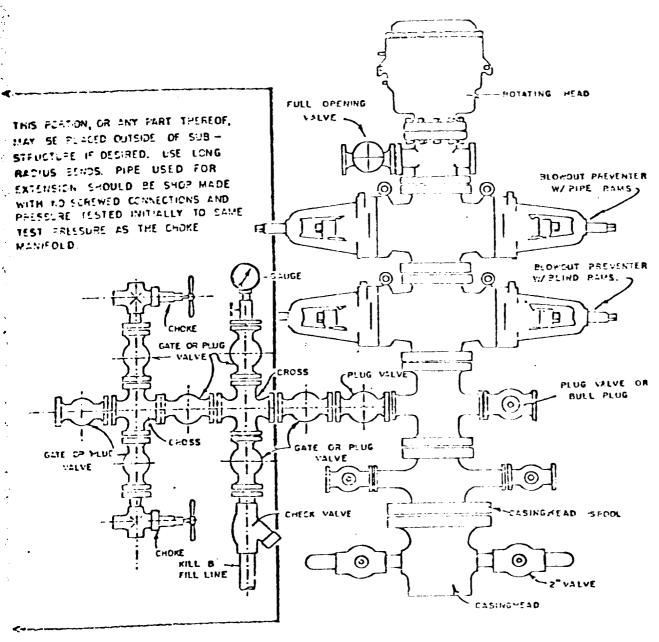
1645 Feet from the South line and 830 feet from the West line of Section 16, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

20 200 FT BURN PIT 20 FT 225 FT N FT. 50 STEEL MUD PITS DRILLING RIG RESERVE P/T 105 FT PUMP



Blowout Preventer will be tested daily and prior to drilling out with the results to be logged on the drillers report.

The B.O.P. and all valve and fittings are rated at 3000 psi working pressure, and hydraulically operated



BLOWOUT PREVENTER HOCKUP

SUPRON ENERGY CORPORATION

Post Office Box 808
FARMINGTON, NEW MEXICO 87401

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; 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 the operations proposed herein will be preformed by SUPRON ENERGY CORPORATION and its contractors subcontractors in conformity with this plan and the terms and conditions under which it is approved.

SUPRON ENERGY CORPORATION

Rudy D. Motto

Area Superintendent

Phone: 325-3587

OIL CONSERVATION COMMISSION ON DISTRICT

OIL CONSERVATION COMMISSION BOX 2088	DATE 2 - 15-29
SANTA FE, NEW MEXICO	RE: Proposed MC Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PMX
Gentlemen:	
for the fuffron Energy Cosp. Vican. Operator Lease and Wel	1-18-79 Mare #15
Operator Lease and Wel and my recommendations are as follows:	1 No. Unit, S-T-R L-16-26N-4U
approve	

Yours very truly,

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

_		County	Date				
Operator OPERATOR THEREOF CORRORAT	TON	Rio Arriba	!	1-18-79			
SUPRON ENERGY CORPORAT	1010	Lease	Well N	Well No.			
P.O. Box 808 Farmingto	on. New Mexico 8740.] Jicarilla "E"	15				
11-14		cwnship	Range				
Location of Well L	16	26 N	4 h	Į.			
1. Has the New Mexico Oil Conserv	ation Commission heretofore:	authorized the multiple comp	eletion of a well	in these same pools or in the same			
zones within one mile of the subj		NO .					
2. If answer is yes, identify one suc	th instance: Order No. MC		ease, and Well N	No.: SUPRON ENERGY CORP.			
2. It allower to year, identity the		rilla "E" No. 8					
		11114 2 1101 0					
3. The following facts are submitted		Interme	i	Lower Zone			
	Zone	Zon	e	Basin Dakota			
a. Name of Pool and Formation	Wild Horse Gallu	<i>p</i>		Dasin baneta			
b. Top and Bottom of							
Pay Section	7113' to 7207	,		7621' to 7773'			
(Perforations)				Gas			
c. Type of production (Oil or Gas d. Method of Production	Gas						
(Flowing or Artificial Lift)	Flowing			Flowing			
4. The following are attached. (Plea		· · · · · · · · · · · · · · · · · · ·					
Yes No	•						
c. Waivers consenting tors have been for	the well or other acceptable If such log is not available a ease on which this well is loc	on from each offset operator, ation.* log with tops and bottoms to the time application is file ated together with their corr	of producing zon d it shall be sub ect mailing addre	of, evidence that said offset opera- nes and intervals of perforation in- omitted as provided by Rule 112-A.)			
Amoco Production Comp		irport Drive	Farmingto	on, New Mexico 87401			
			OIL	B 15 1979 CON. COM. DIST. 3			
6. Were all operators listed in Item date of such notification Janu	5 above notified and furnished arry 18, 1979	ed a copy of this application	n? YES X N	O If answer is yes, give			
		ea Superintendent	of the Su	pron Energy Corporation			
CERTIFICATE: I, the undersign	() and that I am a	uthorized by said company to	make this repor	t: and that this report was prepared			
under my supervision and direction a	_(company), and that I am a nd that the facts stated there	in are true, correct and comp	plete to the best	of my knowledge.			
		Tudes A Ali		•			
		Rudu D Motto	Signati	ure			
	_	nady D. Hocco	ala N-	Marian Oil Consequation Commis-			
Should waivers from all offset operation will hold the application for a day period, no protest nor request to							

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of

SUPRON ENERGY CORPORATION

JICARILLA 'E' NO. 15 1645'/S line & 830'/W line Sec. 16, T-26N, R-4W, N.M.P.M. Rio Arriba County, N. Mex.

Surface Csg. 10-3/4", 32.75# H-40 set @ 220' w/225 sx cmt.

Intermediate Csg. 7-5/8", 26.40#, K-55 set @ 3650' w/200 sx

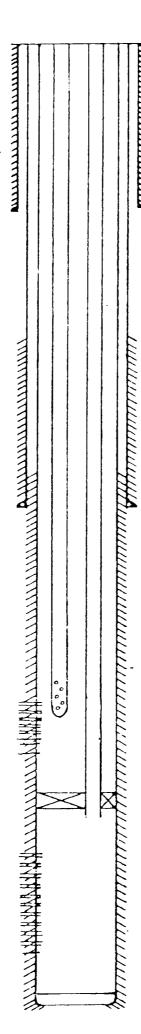
2-1/16" I.J. Tbg. Landed @ 7106'
Perforate 9 Size 0.42" Holes from 7113' to 7207'

Perf. 18 Size 0.42" Holes from 7621' to 7773'

P.B.T.D. 7815'

Liner 5-1/2", 15.5# K-55 set @ 7818' w/495 sx

T.D. 7824



2-1/16" I.J. Tbg. set @ 7582'
Baker 5-1/2" Model "D" Production
Packer set @ 7582'

OFFSET OFERMION S ALEA

SUPRON ENERGY CORPORATION

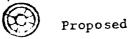
WELL: JICARILLA "E" NO. 15

LOCATION: 1645 Feet from the South line and 830 feet from the West

line of Section 16, Township 26 North, Range 4 West, N.M.P.M.,

Rio Arriba County, New Mexico.

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Pictured Cliffs

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Pictured Cliffs - Mesaverde

Mesaverde - Dakota

Pictured Cliffs - Dakota

🕻 Gallup

Abandoned

Dakota - Gallup

NEW MEXICO OIL COMSENVATION DIVISION SANTA PR, NEW MEXICO Packer-Setting Affidevit

STATE OF New Mexico	
COUNTY OF San Juan -)	
a a hadaa dalaa	u normalina da lass
Gene Longacre being first dull; upon his oath deposes and says:	y sworm according to law,
That he is of lawful age and has full knowledge of	the facts herein below set out.
That he is employed by Baker Packers	in the capacity
of Oil Field Service Engineer and as such as	its authorised agent.
That on January 14. 1979, he pers	onally supervised the setting
of a Model "D" 5-1/2" in Supron Sperg	y Corporation's
Jicarilla "E" Well No. 15	, located in <u>Unit Letter</u>
L , Section 16, Township 26 Morth	, Range A West , N.M.P.M.
Rio Arriba , County, New Mexico.	
That said packer was set at a subsurface depth of _	7582 feet,
said depth measurement having been furnished byGo W	ireline .
That the purpose of setting this packer was to effective space between the two strings of pipe where the packer we commingling, within the well-bore, of fluids produced from a stratum above the packer with fluids produced from a stratum above the packer properly set and that it did, when set, effectively and annular space between the two strings of pipe where it we to prevent any movement of fluids across the packer.	as set so as to prevent the om a stratum below the ker. That this packer was absolutely seal off the
	Baker Packers
	Company
	Original Signed by:
	Gene Longacre (Its Agent)
Subscribed and sworn to before me this the	_ day of formany AD,
<u>1979</u> -	-
	Lette of Short
My Commission Expires August 25, 1980	MONTY E WOLL

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DEVIATION TABULATION REPORT

SUPRON ENERGY CORPORATION	Jicarilla	" E "	15	16	26N	4W		
Operator	Lease	V	Well No.	Sec.	Twp.	Rge.		
$\underline{\textit{DEPTH}}$	<u>DEVIATION</u>		DEPTH		DEVIATION			
220 Ft.	1/40		443	8 Ft.		2-3/4 ⁰		
872 Ft.	3/4 ⁰			.5 Ft.		30		
1366 Ft.	10			9 Ft.		3-1/4 ⁰		
1963 Ft.	1-3/4 ⁰		597	'0 Ft.		30		
2434 Ft.	20		649	9 Ft.		3 ⁰		
2900 Ft.	2-1/2°		695	7 Ft.		3-1/4 ⁰		
3398 Ft.	2-1/4 ⁰		747	8 Ft.		3 - 1/2 ⁰		
4085 Ft.	2-3/4 ⁰		781	0 Ft.		3-3/40		
			Į.	A la	1) M	4		
			2	The state of the s	Area Sup	erintendent		
				/				
STATE OF New Mexico		<i>}</i> \						
COUNTY OF San Juan	(())						
On this 14th		day of	February		,1979,	before		
					····· ′			
as personally appeared_	Rudy D. 1	Motto	, to me	known to	o be the			
person (s) described in				strument	and ackn	owledged		
that they executed the s	same as their	free act	and deed.					
	* 3			·c:	14	th		
IN WITNESS WHEREOF,			seal of of	iice on	tne			
day of February	······································	1979.						
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		1	~~~~~/	San J	uan Count	y, New Mexico		

My Commission Expires:

August 25, 1980

NEW MEXICO OIL CONSERVATION COMMSSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



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Grand William de Soil		Set At	C F O	ona;					Well No.						
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Thg. Sizo Wt. d Set			Sel Al		Perforations: From To					Unit Sec. Twp. Hye.					
2.0625 3.25 Type Well - Single - Bradenhead - G.G. or G.O. Mult						582	Packer Set At					County	16 20	6N 4I	
1 ''	Dual - 0			- 0.0. 0. 0.	Or manipr	•			7582	1		1 1	7 mm - 2 h -	,	
	ducing Thru			oir Temp. *F	Mean	Annua	Temp. *F	Baro. Pr				State	Arriba		
Tubing 6		6				12		ď		New Mexico					
	L	н		Gg	% C	0 2	% N 2		% H ₂ S		Provet	Meter		l'aps	
	7568			0.700										·	
	T			OW DATA				1		DATA		ASING	DATA	Duration	
ΝО.	Prover Line	x	Orifice	Press.		iii.	Temp.	Pres p.s.i		Tem	l.	.1.g.	Temp.	of Flow	
SI	Size 2"		3/4"	p.2	<u> </u>	w	<u> </u>	186		 		,	······	 	
1.			3/4"					 	7	580	5			7 days 3 hours	
2.									-	1 33				3 110012	
3.								 	 	1					
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			т		R/	TEO	F FLOW	CALCU	LATIO	ONS					
	Coefficient			P	l Liesenie I		w Temp. Gravity			Super	Rat	Rate of Flow			
NO.	O. (24 Hour)		√h _w P _m	w ^P m			Factor		•		ompress.		Q, Meld		
1	12.365		 			69 1.		0019 0.		.9258		.000		791	
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NO.	$\Gamma_{\rm f}$	Temp.	•R	Tr	z	1								Mcl/bbl	
1.		A.P.I. Gravity of Liquid Hydrocarbons							1	Deg					
2.		Specific Gravity Separator Gas XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX													
3.						Hical Pressure						۸.	P.S.I.A		
4.		ļ				Criti	Ical Tempe	rature		<u>-</u> -			n	R	
5.	1878	1, 2, 3	F 26	004		_l	· · · · · · · · · · · · · · · · · · ·								
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Λbac	lute Open P	low		798)			Metal	¥ 15.025	Angle	of Slope	Θ	1000	innpe,	75	
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Appi	oved By Con	nmiaeion;		Conducte	d Byr			Culculate	d Dyi		·····	Checked	Ityı	······	
	John C. Rector Kenneth E. Roddy														