FEB - 8 2000

OT CONSERVATION DIVISION

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ABOVE THIS LINE FOR DIVISION USE ONLY

### NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

## <u>ADMINISTRATIVE APPLICATION COVERSHEET</u>

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

**Application Acronyms:** 

221

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication]

[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]

[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]

[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Directional Drilling

X NSL NSP DD SD

Check One Only for [B] and [C]

Commingling - Storage - Measurement [B]DHC

CTB PLC PC OLS

Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] **PMX** SWD IPI EOR PPR

NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply [2]

[A] Working, Royalty or Overriding Royalty Interest Owners

Offset Operators, Leaseholders or Surface Owner [B]

Application is One Which Requires Published Legal Notice 

[D] X Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] For all of the above, Proof of Notification or Publication is Attached, and/or,

F Waivers are Attached

#### INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding [3]

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Cole

Regulatory/Compliance Administrator Signature Title

Print or Type Name

FEB- 8-00 TUE

6:38

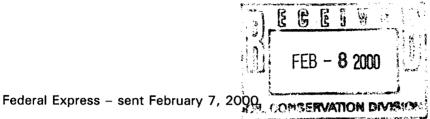
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P.03

Date

## BURLINGTON RESOURCES

SAN JUAN DIVISION



Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 South Pacheco Street

Re: H

Huerfano Unit #227

1070'FSL, 1840'FEL, Section 32, T-27-N, R-10-W, San Juan County

30-045-20874

Santa Fe. New Mexico 87505

Dear Mr. Stogner:

This is a request for administrative approval for a non-standard gas well location in the Angels Peak Gallup pool.

Burlington Resources intends to plug and abandon the Basin Dakota pool in the Huerfano Unit #227 by spotting cement on top of a cement retainer, and recompleting in the Angels Peak Gallup pool. This well is considered non-standard under the Angels Peak Gallup pool rule.

Production from the Angels Peak Gallup is included in a 320 acre gas spacing unit comprising of the south half (S/2) of Section 32.

To comply with the New Mexico Oil Conservation Division rules, we are submitting the following for your approval of this non-standard location:

- 1. C-102 plat showing location of the well;
- 2. Copy of Well Completion Log for original completion;
- 4. Nine Section plat showing offsetting Gallup wells.

Per your conversation with Mr. Tom Kellahin of Kellahin and Kellahin law firm, we understand that no notice is required for wells encroaching on the internal setback. Burlington Resources is the operator of the Huerfano Unit and operates all offsetting spacing units.

Please let me know if you have any questions concerning this application.

Sincerely yours,

Peggy Cole

Regulatory Supervisor

xc: New Mexico Oil Conservation Division – Aztec Bureau of Land Management – Farmington

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III

1000 Rio Bruzos Rd., Aztec, NM 87410

PO Box 2088, Santa Fc, NM 87504-2088

District IV

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 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

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		er									
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## BURLINGTON RESOURCES OIL AND GAS COMPANY

Huerfano Unit #227 Section 32, T-27-N, R-10-W

> Nonstandard Location Gallup Formation Well

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INQUIRE LAND BY SECTION

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PAGE NO: 1

Sec : 32 Twp : 27N Rng : 10W Section Type : NORMAL

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INQUIRE LAND BY SECTION

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INOUIRE WELL COMPLETIONS

OGOMES -TPEU

Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)

OGRID Idn : 14538 BURLINGTON RESOURCES OIL & GAS CO

Prop Idn : 7139 HUERFANO UNIT

Well No : 227 GL Elevation: 6130

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : O 32 27N 10W FTG 1070 F S FTG 1840 F E P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : S

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

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## NEW MEXICO OIL CONSERVATION COMPSENCE IVED. WELL LOCATION AND ACREAGE DEDICATION PLAT 20 1972

C' CONSERVATION COMM. EL PASO NATURAL GAS COMPANY (E-2659-6) HUERFANO UNIT 227 11.11 0 32 27-N 10-W SAN JUAN 1070 SOUTH 18ho EAST 6130 BASIN DAKOTA DAKOTA 320.00 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 there interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests dated by communitization, unitization, force-pooling, etc? JAN 1 4 1972 If answer is "ves." type of consolidation ... Unitization OIL CON. COM DIST., 3 If answer is "no," list the owners and tract descriptions which have actually been consolidate this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitiz forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Co sion. CERTIFICATION I hereby certify that the informatic Petroleum Engineer El Paso Natural Gas E-2659-6 January 13, 1972 SECTION 32 I hereby certify that the well! is true and correct to the best 1840 JANUARY 5, 1972

1760

### **INSTRUCTIONS**

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-drille 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 ducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths s 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 state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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T.	Salt	_ T.	Strawn	T.	Kirtland-Fruitland	T.	Penn. "C"
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T.	Queen	<b>T</b> .	Silurian	_ T.	Point Lookout 4203'	т.	Elbert
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### FORMATION RECORD (Attach additional sheets if necessary)

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U.S.G.S.		
LAND OFFICE		
OPERATOR	12	

Form C-103 Supersedes Old C-102 and C-103

FILE /	NEW MEXICO OF COM	COMMISSION	Effective 1-1-65
U.S.G.S.	APD 3	1972	5a. Indicate Type of Lease
LAND OFFICE	At It 0	1916	State X
OPERATOR 3			5. State Oil & Gas Lease N E - 2659-6
SUNDRY  (DO NOT USE THIS FORM FOR PROFUSE THE PERFECTION OF THE PE	Y NOTICES AND REPORTS ON POSALS TO DRILL ON TO DEEPEN OR PLUG BON FOR PERMIT - " (FORM C-101) FOR SUC	WELLS LACK TO A DIFFERENT RESERVOIR. H PROPOSALS.)	
OIL GAS WELL WELL X	OTHER-		7. Unit Agreement Name Huerfano Unit
2. Name of Operator El Paso Natural Gas Co	eny any		8. Form or Lease Name Huerfano Unit
3. Address of Operator			9. Well No.
Box 990, Farmington, N	lew Mexico 87401		227
4. Location of Well			10. Field and Pool, or Wild
UNIT LETTER 0 1	1070 FEET FROM THE South	1840	Basin Dakota
Foot			
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
	6130' GL		San Juan
16. Check A	ppropriate Box To Indicate N	lature of Notice Report of O	ther Data
		<del>-</del>	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABANDO
PULL OR ALTER CASING	APR 3 1972    Sunday Notices and Reports on Wells   State oil & G   E - 2659		
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OTHER			
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17. Describe Proposed or Completed Ope work) SEE RULE 1103.	erations (Clearly state all pertinent det	ails, and give pertinent dates, includin	g estimated date of starting an
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surface. W. (	J. C. 12 nours, neid but	7/ / 30 minutes.	65/51 sot
3-19-/2:T. D. 6558'.	Ran 211 joints 4 1/2",	10.5%, K-55 production	casing, 6545' set
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stage with 35.	cubic feet cement, sec	cond stage with 415 cub	to reet cement,
third stage w	ICH 39/ CUDIC feet cemer	it. W.U.U. 18 nours. To	op or cement 1220.
3-20-/2:P. B. T. D. 6:	page 1 removated 6272-8	52, 03U8-18, 030U-7U, 64	+14-20. and 0447-27
			tons water. proppe
4 sets of 18 1	balls. Flushed with 44	.000 gallons water.	

MAR 28 1972 OIL COM. COM. DIST. 3 18. I hereby certify, that the information above is rue and complete to the best of my knowledge and belief. Petroleum Engineer SUPERVISOR DIST. #3 MAR 2 8 19

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SANTA FE	1/2	NEW	MEXICO UIL CON	DEK V A	ATTON COMMISSION	UN	Form C-101 Revised 1-1-	65 <i>30</i>
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U.S.G.S.	2		1	e i	EIVE	•	STATE	
LAND OFFICE	7		RE	<u> </u>	1072		-5. State Oil	& Gas
OPERATOR	1/			MAL	% U		E 265	9-6
					TION COMM	•	IIIIII	IIII
APPLICA	TION FOR PE	RMIT TO	DRILL, DEEPEN	, OR	PLUG BACK			
la. Type of Work							7. Unit Agre	eement
DRILL	ΓXI		DEEPEN		PI 110	BACK	Hue	rfanc
b. Type of Well	_		56E: EN			<u> </u>	8. Form or L	_ease 1
	_X	IER		SING	DHE X	ZONE	Hue	rfanc
2. Name of Operator							9. Well No.	
El Paso Natu	ral Gas Co	mpany					227	
1	NEW MEXICO OIL CONSERVATION COMMISSION  TA PE	10. Field on	ad Pool					
	Farmington	n, NM					Basi	n Da
4. Location of Well	ETTER O	LOC	1070 EATED	FEET	FROM THE Sout	hLINE	MMM	
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AND 184U FEET F	ROM THE EAST	LIM	IE OF SEC. 32	TWP.	27N RGE.	10W NMPM		7777
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21. Elevations (Show whether	DF, RT. etc.)	21A, Kind	& Status Plug. Rond	21B	Drilling Contractor	<u> Dakot</u>	22. Approx	r. Date
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<del></del>	g <u></u> -				0.0 110	THE CLIP	TO TOTING	- CLOIL
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			PROPOSAL IS TO DEEPER	OR PL	UG BACK, GIVE DATA	ON PRESENT PRO	ODUCTIVE ZONE	E XNO F
I hereby certify that the inform	above is t	rue and com	plete to the best of my	knowl	ledge and belief.			
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Manos.	,0100.	ue.V				11 <del>12</del>	DATE	-14
APPROVED BY	, cu	my_	_ TITLE	SUPE	RVISOR DIST	#3	DATE	- '
CONDITIONS OF APPROVA	, IF ANY:	/						
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# State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division

	Sundry Notices and F	Reports on Wells	
			# (assigned by OCD)
1. Type of Well GAS		5.	
		6.	State Oil&Gas Lease # E-2659-11
2. Name of Operator		7.	
BURLINGTON			
RESOURCES OIL 8	GAS COMPANY	8.	Huerfano Unit Well No.
3. Address & Phone No. of Operat			#227
PO Box 4289, Farmington, NM	87499 (505) 326-9700	9.	<b>Pool Name or Wildcat</b> Basin Dakota
4. Location of Well, Footage, Se			Elevation:
1070'FSL, 1840'FEL, Sec.32, T	-27-N, R-10-W, NMPM, S	San Juan County,	NM
Type of Submission	Type of Ac	tion	
X Notice of Intent	Abandonment	Change of Pla	ans
	X Recompletion	New Construct	
Subsequent Report	Plugging Back	Non-Routine	
	Casing Repair _	Water Shut o	
Final Abandonment	Altering Casing _ Other -	Conversion to	o Injection
13. Describe Proposed or Compl  It is intended to recomple attached procedure.	-	the Gallup for	mation according to the
		MOV 2 2 1099 DIVISORIES 3 DIVIS	
SIGNATURE SEAGLE Cale	Regulatory Admi	nistratorNove	mber 16, 1999
(This space for State Use)			11-24-99
Approved by Envie Pin	DEPUTY OIL & C	gas inspector, dist.	

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

PO Box 2088, Santa Fe, NM 87504-2088

## 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 21, 1994
Instructions on back
Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

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1	API Numbe	r <b>e</b>		<sup>1</sup> Pool Code	ł		' Pool N		_	ļ
30-045-			217	0/7159		els Peak G	allup/Ba	sin Da		
Property 0				F	'Property Huerfano	Name Unit				Well Number 227
'OGRID	No.			<del></del>	Operator	Name				* Elevation
14538		Bun	rlingt	on Res		il & Gas C	ompany			6130' GR
<sup>10</sup> Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West	line	County
0	32	27N	10W		1070'	South	1840'	East		SJ
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PK O

## HUERFANO UNIT #227 GALLUP Recompletion Procedure O 32 27 10 San Juan County, N.M.

Lat-Long: 36-31.64" - 107-54.93"

PROJECT SUMMARY: Plugback this 1972 depleted Dakota well to the Gallup Tocito and foam frac.

- 1. Comply to all NMOCD, BLM, and BROG rules and regulations. MOL and RU completion rig. NU BOP w/flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line.
- 2. Set blanking plug in S.N. of 2-3/8" tbg @ 6391' and pressure test tbg to 3000 psi. TOH w/2-3/8" tbg (212 Jts) and Baker Loc-set pkr (3795').
- 3. Run 4-1/2" csg scraper on 2-3/8" tbg to 6222'. TOH. Run 4-1/2" cmt retainer on 2-3/8" tbg and set @ 6222'. Sq DK perfs w/50 sx cl "G" cmt . This will fill inside the pipe from 6222' to 6452' w/100% excess cmt. Sting out of ret and spot 5 sx cmt on top of cmt ret @ 6200'. Reverse out cmt. Close pipe rams and pressure test 4-1/2" csg to 300 psi. TOH.
- 4. MI wireline. Set 4-1/2" top drillable BP @ 5750'. Run CBL from 5750' to top of cmt and from DV tool @ 4603' to top of cmt. **Do not pressure csg above 300 psi.**
- 5. Perf Tocito w/2 spf from 5654'-82'. Total 56 holes. Perf using 3-1/8" hollow steel carrier guns loaded w/Owen HSC 13 gm. charges phased at 180 degrees. Average perf dia. = 0.48". Average penetration is 18" in Berea.
- 6. Fill 3 400 bbl. frac tanks with 1% KCL water. If necessary, filter all water to 25 microns. Two tanks are for gel and one tank for breakdown water. Usable gel water required for frac is 402 bbls.
- 7. TIH w/4-1/2" pkr on 2-7/8" 6.5# N-80 w/shaved collars (3.5" O.D. 2.441" I.D.) rental frac string (run 2 jts 2-3/8" N-80 on top of pkr).and set @ 5550'. Prepare to frac.
- 8. W/300 psi on annulus, breakdown Tocito perfs w/1500 gal 15% HCL acid and frac down frac string w/55,000 gals. of 70 quality foam using 20# gel as the base fluid and 100,000# 20/40 Arizona sand. Pump at 25 BPM. Monitor bottom hole and surface treating pressures, rate, foam quality, and sand concentration with computer van. Sand to be tagged w/ 3 RA isotope tracers. Max. pressure is 6000 psi and estimated treating pressure is 5830 psi. Pipe friction @ 25 BPM is 4430 psi. Treat per the following schedule:

	Foam Vol.	Gei Vol.	Sand Vol.
Stage .	(Gals.)	<u>(Gals.)</u>	<u>(lbs.)</u>
Acid - 1500 gal	15% HCL	<del></del> ,	
Pad	15,000	4,500	·
1.0 ppg	10,000	3,000	10,000
2.0 ppg	10,000	3,000	20,000
3.0 ppg	10,000	3,000	30,000
4.0 ppg	10,000	3,000	40,000
Flush	<u>( 1,350)</u>	(405)	0
Totals	55,000	16,500	100,000#

## HUERANO UNIT #227 GALLUP - RECOMPLETE TO GALLUP TOCITO

Treat frac fluid w/the following additives per 1000 gallons:

\* 20# J-48

(Guar Gel mix in full tank - 16,000 gal)

\* 1.0 gal. Aqua Flow

(Non-ionic Surfactant mix in full tank)

\* 1.0# GVW-3

(Enzyme Breaker mix on fly)

\* 1.0# B - 5

(Breaker mix on fly)

\* 3.0 gal Fracfoam I

(Foamer mix on fly)

\* 0.38# FracCide 20

(Bacteriacide mix on full tank)

All acid on this well to contain the following additives per 1000 gal:

2 gal CI-22

corrosion inhibitor

5 gal Ferrotrol-300L

iron control

1 gal Flo-back 20

Surfactant

0.5 gal Clay Master-5C

clay control

- 9. Open well through choke manifold and monitor flow. Flow @ 20 bbl/hr. or less, if sand is observed. Take pitot gauges when possible. TOH w/pkr.
- 10. TIH w/notched collar on 2-3/8" tbg and C.O. to 5750' w/air/mist. Monitor gas and water returns and <u>Take pitot gauges when possible.</u>
- 11. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log from 5750'- 5500'.
- 12. TIH w/2-3/8" 4.7# J-55 EUE tbg w/standard seating nipple one joint off bottom and again cleanout to 5750'. When wellbore is sufficiently clean, land tbg @ 5700' KB. <u>Take final</u> water and gas rates.

13. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended:

Production Engineer

Approved:

Drilling Superintender

Approved:

**Team Leader** 

**VENDORS:** 

Wireline:

Basin

327-4472

Fracturing:

Howco

325-3575

RA Tag:

**Pro-Technics** 

326-7133

**PMP** 

## District 1 PO Box 1980, Hobbs, NM 88241-1980

## State of New Mexico

Energy, Minerals, & Natural Resources Department

Form C-104 Revised February 21, 1994 Instructions on back

District II P.O Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION PO Box 2088

Submit to Appropriate District Office 5 Copies

District III 1000 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, NM 87504-2088

District IV PO Box 2088, Santa					anta Fe, NM						DED REPORT
<u>I.</u>	RE	QUEST		LOWAB ame and Add	LE AND A	UTHORIZA	ATION	TO TRAI		ID Number	
Dur1	ington	Pagour	ces Oil		iress					1D Number	
	ox 4289		Jes OII	u Gas						or Filing Cod	le
Farm	ington,	NM 87	499						co -	7/11/96	5
<u> </u>	4 API N			T		Name				ol Code	
	30-045	-20874		BASI	IN DAKOTA	(PRORATED	GAS)		7:	1599	
	<sup>7</sup> Proper					rty Name	··· <u>-</u>			ll Number	
	007	139			HUERFA	NO UNIT			<del>#</del>	227	
II. 10 Surfa						•					
UI or lot no.	Section 32	Town	ship Ra 27N	ange 010W	Lot.ldn	Feet from the 1070	North/South	Line Feet fro		st/West Line E	County SAN JUAN
11 Bottom	Hole Lo	cation			<u> </u>	·	I	······································	<del></del>		<u> </u>
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III. Oil an	d Gas Ti	ransnorte	erc	<u> </u>	· · · · · · · · · · · · · · · · · · ·						
18 Tran	nsporter	ansport	19 Transporter		20 [	POD	Ī	<sup>21</sup> O/G			TR Location
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	istuacie		BOX 1492 ASO, TX 79978								
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<sup>40</sup> Choke Size		41 Oil		42 Water		43 Gas		" AOF		"Test M	ethod
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knowledge and	<b>-</b>	a·						m			
Signature:	Morro L	logs				Approved by:	Frank	T. Chave	Z		
Printed Name: Dolores Di	iaz		· · · · · · · · · · · · · · · · · · ·	···	***************************************	Title:	Distri	ct Superv	isor		
Title:		+0				Approved Date	: July 1	1, 1996		<del></del>	<del></del>
Production Date:	. ASSOCIA		<del></del>	Phone	206 272	<b>-</b>					
7/11/96 47 If this is a ch	ange of oper	ator fill in the	OGRID num		326-9700 of the previous of	ll perator			<del></del>		<del></del>
14538 Meridian	Oil Production				· · · · · · · · · · · · · · · · · · ·	Printed Name		Title		Date	
Signature:						Dolores Diaz		Production As	sociate	7/11/	
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## State of New Mexico

Form C-104

District (I P.O Drawer DD, Artesia, NM 88211-0719

State Of New INTEXACO
Energy, Minerals, & Natural Resources Department

Revised February 21, 1994

OIL CONSERVATION DIVISION

Revised February 21, 1994

OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION DIVI

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District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV PO Box 2088, Santa Fe, NM 87504-2088

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30-45	5-2087	7400		BASI	N DAKOTA	(PRORATED	GAS)			Pool Code 68	
	operty Co 970900					nty Name NO UNIT		° Well Number #227			
II. 10 Surface Lo	cation										
UI or lot no. Sectio	n 32	Township 027N	Ran	ge 010W	Lot.ldn	Feet from the 1070	North/South Li	Feet from 184		East/West Line E	County SAN JUAN
11 Bottom Hole	Locati	on	-l		<u> </u>						1 00.21
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12 Lse Code	13 Pro	oducing Method C	ode	14 Gas Cor	nnection Date	15 C-129 Permit	Number	16 C-129 Effec	tive Date	e 17 C-129	Expiration Date
III. Oil and Gas	Trans	porters  19 Transp	norter N	lame	20	POD	<u> </u>	<sup>21</sup> O/G	<del></del>	22 POD UI	STR Location
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** Spud Date  ** Hole S  ** Hole S  ** Hole S  ** Date New Oil  ** Choke Size  ** I hereby certify that the with and that the inform knowledge and belief.  Signature: Oliver Diaz  Title: Froduction Assistance.	Data  "Gerules of lation give	as Delivery Dat	" Ca	3° Test Davision have plete to the (505)	ate  te been complied best of my	17 Test Length 43 Gas  Approved by: Title: Approved Date	OIL CON	3º Tbg. Pressu "AOF ISERVA	TION PS DIST	"Sacks Co	1995 DIVo
** Spud Date  ** Hole S  ** Hole S  ** Hole S  ** Date New Oil  ** Choke Size  ** I hereby certify that It with and that the inform knowledge and belief.  Signature: Augustian Printed Name: Dolores Diaz  Title: Production Assi.  Date: 27 September, 1	Data  3° G  4° O  ne rules of nation give  August 1995  perator fil	as Delivery Dat	" Ca	3° Test Davision have plete to the (505)	ate  te been complied best of my  326-9700  of the previous of	17 Test Length 43 Gas  Approved by: Title: Approved Date	OIL CON	3º Tbg. Pressu "AOF ISERVA	TION PS DIST	"Sacks Co	1995 DIVo

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE					
TRANSPORTER	OIL				
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PRODATION OFF	KE				

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

Form C-104 Revised 10-0 Format 06-01 Page 1

TRAMSPORTER GAS  OPERATOR  PROGRATION OFFICE	AUTHODIZAS		ND				
I. Operator	AUTHORIZA	TION TO TRANS	PORT OII	_ AND NATU	RAL GAS		
Meridian Oil Inc.  Address P. O. Box 4289, Farmington	n. NM 874	99			<del></del>	<del></del>	
Reason(s) for filing (Check proper box)				Other (Please	ezpiew)		
Now Wat!	Change in Tra	naparter of:		Meridia	n Oil Inc.	is O	perator
Recompidition		<b>=</b> /	Ges		Paso Produ		
X Change with Managem Operatorshi	·		ondensate ·	<u> </u>	· · · · · · · · · · · · · · · · · · ·		
If change of ownership give name E1 Pa	aso Natur	al Gas Compa	ıny, P.	0. Box 4	289, Farmin	igton,	NM 8749
II. DESCRIPTION OF WELL AND LE	ASE						
Lease Name	Well No. Pool	Name, including F	ormation		Kind of Lease	_	
Huerfano Unit	227 B	<u>asin Dakota</u>			State) Federal or	: F++	E-2659-
Unit Letter 0 : 1070		. South		1840	<b></b>	1	East
Unit Letter U : 1070	Feet From The	<u> </u>	e and	1010	_ Feet From The	,	
Line of Section 32 Township	27N	Range	10W	, NMPM,	Sa	n Juar	n
HI DESIGNATION OF TRANSPORT	TD 05 0H	4 N. (77) N. 4 277 (17) A. (					
Name of Authorized Transporter of Cit	or Canden		Ascress (	Give address t	o which approved	copy of	this form is to
Meridian Oil Inc.		_	!		Farmingt		
Name of Authorized Transporter of Casinghe	ad Gas 🔲 o	or Dry Gas 🛝	Address	Give address t	o which approved	copy of	this form is to
El Paso Natural Gas Compan	У		P.	O. Box 42	89, Farmin	gton,	NM 87499
If well produces oil or liquids.  Que location of tanks.  O		Twp. Rge. 27N 10W	1	tually connecte	di		राज्यस्थानस्य
If this production is commingled with the	t from eny oth	er lease or pool,	give com	ningling order	number:		
NOTE: Complete Parts IV and V on	reverse side i	f necessary.	·				
VI. CERTIFICATE OF COMPLIANCE				OIL C	ONSERVATION NO MANA	עום אכ 1 15	
I hereby certify that the rules and regulations of been complied with and that the information give			APPR	DVED		V 1 13	. 1
my knowledge and belief.	ii is tide and ton	apiete to the best of	BY	<u> </u>	<u> 3.11)</u>	Cha	
			TITLE		SUPERVISIO	N DIS	TRICT # 3
Small but -			4.1	is form is to	be filed in con	npliance	with RULE
(Signature)		······································	well, th	his form must	est for allowab	d by a t	abulation of
Drilling	Clerk				vell in accorda this form must '		
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(Date)		(0)	well ne	we ot unmper	ections I, II, I , or transporter,	or other	auch change
				parate Forms led wells.	C-104 must be	e filed	for each pool

110V 01 1986

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

Form C
Revise

	282 X Initial		Annual		Special	Test Date 9-9-82	?		(OWWO)	)
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NO. OF COPIES RECEIVED	]	Form C-103
DISTRIBUTION		Supersedes Old
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
FILE		
U.S.G.S.		5a. Indicate Type of Lease
LAND OFFICE		State X
OPERATOR	1	5. State Oll & Gas Lease No
	,	E-2659-6
SUNDR (DO NOT USE THIS FORM FOR PRO USE "APPLICAT	RY NOTICES AND REPORTS ON WELLS  DPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVO  TION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	ir.
OIL GAS WELL X	OTHER-	7. Unit Agreement Name Huerfano Unit
2. Name of Operator		8. Farm or Lease Name
El Paso Natura	al Gas Company	Huerfano Unit
3. Address of Operator		9. Well No.
P.O. Box 289.	Farmington, NM 87401	227
4. Location of Well	07,01	10. Field and Pool, or Wilda
UNIT LETTER	1070 FEET FROM THE South LINE AND 1840	FEET FROM Basin Dakota
UNIT LETTER,	TOTO FEET FROM THE BOUGHT LINE AND TOTO	FEET FROM DATOOR
THE East LINE, SECTION	on 32 township 27N range 10W	
THE	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	6130' GL	San Juan
16.		
	Appropriate Box To Indicate Nature of Notice, Repontention To:	ort or Other Data SEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	SEP 15 1982 COMMENCE DRILLING OPNS.	PLUG AND ABANDON
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JO	1B
منسب سد.	OTHER	
OTHER	OTHER	
-	SALL I	s including estimated date of starting applies
-	perations (Clearly state all pertinent details, and give pertinent dates	s, including estimated date of starting any
17. Describe Proposed or Completed Or work) SEE RULE 1103.  8-16-82 Moved on Locat  8-17-82 Picked up 2 3/ hole w/Baker 4 1/2" ful cement retainer at 3091	perations (Clearly state all pertinent details, and give pertinent dates to and Rigged up. Pulled 107 bad joints /8" tubing & set Baker bridge plug at 616' llbore packer and isolated holes in casing L'. Squeezed w/118 cu. ft. cement.	s tubing & packer. 7'. Trip out of Hole. T g between 3265' & 3352'.
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17. Describe Proposed or Completed Or work) SEE RULE 1103.  8-16-82 Moved on Locat 8-17-82 Picked up 2 3/hole w/Baker 4 1/2" ful cement retainer at 3091 8-18-82 Drilled out ce squeezed w/118 cu. ft. 8-19-82 Drilled cement 3091' & squeezed w/89 cement 3091' & squeezed w/89 cement 8-21-82 Cleaned out to float collar at 6542'.  8-22-82 Ran 212 joints 6391'. Baker Lock-Set	perations (Clearly state all pertinent details, and give pertinent dates to and Rigged up. Pulled 107 bad joints 18" tubing & set Baker bridge plug at 616. Libore packer and isolated holes in casing 14. Squeezed w/118 cu. ft. cement.  I sement. Pressure tested casing, did not he cement.  I retainer at 3091'. Pressure tested - dies. ft. cement.  I retainer and cement. Pressure tested to bridge plug at 6167'. Drilled bridge plug at 6167'. Drilled bridge plug at 92 3/8", 4.7#, J-55 tubing (6413') set at packer set at 3795'. Loaded annulus w/co	s tubing & packer.  7'. Trip out of Hole. To between 3265' & 3352'.  1016 Set retainer at 309  1d not hold. Set retainer  1000 psi.  1ug at 6167'. Cleaned out  16425'. Seating Nipple  1000 printibiter  AUG 25 1982  CIL CON. COM.  DIST. 3

· ENI	STATE OF INEVENIENCE FIGY AND MINERALS DEPARTME	ACT		
	BO. OF COPIES ACCEIVED		TION DIVISION	
•	DISTRIBUTION	P. O. BO		Furm C
	SANTA FE	SANTA FE, NEW	•	Revise
	FILE	SANIA FE, NEW	/ MEXICO 8/501	
	U.S.G.S.			Sa. Indicate Type of Lease
	LAND OFFICE		•	State X
	PCTAREGO			5. State Oil & Gas Lease No
	· · · · · · · · · · · · · · · · · · ·			E-2659-6
	SUNDR to not use this form for pro use "Applicati	Y NOTICES AND REPORTS ON POSALS TO DRILL OR TO DEEPEN OF PLUG B	BACK TO A DIFFERENT RESERVOIR.	
1.				7. Unit Agreement Name
	WELL WELL X	OTHER-		Huerfano Uni
2. No	me of Operator			8. Form or Lease Name
	El Paso Nat	ural Gas Company	·	Huerfano Uni
a. Ad	dress of Operator			9. Well No.
	PO Box 289,	Farmington, NM 874	01	227
_		1070 South	1840	10. Field and Pool, or Wilder Basin Dakota
	INIT LETTER	FEET FROM THE		mmmmm
٠.	East LINE, SECTION	32 27N		
		15. Elevation (Show whether 6130 GL	DF, RT, GR, etc.)	12. County San Juan
16.	Check A	Appropriate Box To Indicate N TENTION TO:	<del>_</del>	her Data T REPORT OF:
PERF	DRM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	Altering casing
TEMP	ORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABANDONI
PULL	OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	
01	HERRepair Casi	ng Failure &	·	
7. D	escribe Proposed or Completed Openk) SEE RULE 1103.	erations (Clearly state all pertinent deta	tils, and give pertinent dates, including	estimated date of starting any
	the tubing and p at 6200'. The c sufficient amoun casing will be t	nanently repair the coacker and set a dril casing failure will but of cement to repairested to 600 psi. To and the well return	llable bridge plug absection of the leak. Following will	oove the perforat eze cemented with ing clean out, th
		Mind Lib	Markey 14	28 in

JUL 29 1982
OIL CONSENSAL
SANTA FE



	SA	NTA FE			0	F
•						
18. I hereby certify that the information above is true and complete stance	to the bes		Drilling	Engineer	July	14,
APPROVED BY Snah? Que	TITLE	<b>SUP</b> ERVISOR I	DISTRICT # 3		JUL 1	6 19 <sup>°</sup>
CONDITIONS OF APPROVAL, IF ANY:						

#### OIL CONSERVATION COMMISSION

BOX 697

120 EAST CHACO



AZTEC, NEW MEXICO

NOTICE OF GAS CONNECTION CHANGE

DATE \_\_\_\_\_April 19, 1972

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

Huerfano Unit #227
LEASE

Basin Dakota
POOL

WAS MADE ON
April 11, 1972
DATE

E1 Paso Natural Gas Company
NAME OF PURCHASER

POATE

FIRST DELIVERY
DATE

AOF 1,897 Choke 1,705 INITIAL POTENTIAL

El Paso Natural Gas Company

PURCHASE BRIGINAL SIGNED BY T.C. KELLENAERS

REPRESENTATIVE

Assistant Chief Dispatcher

CC: TO OPERATOR

OIL CONSERVATION COMMISSION - SANTA FE

F. N. WOODRUFF - EL PASO

B. D. ADAMS

FILE



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ſ	. NO. OF COPIES RECEIVED 1 5	7				\	
ł	DISTRIBUTION					,	<b>\</b>
ŀ	SANTA FE /	NEW MEXICO OIL	CONSERV	ATION COMM	ISSION	Form C-	$\mathcal{L}$
ŀ		REQUEST	FOR AL	LOWABLE			io4 les Old C-104 and C
-	FILE /	_	AND			Effective	p 1-1-65
ļ	U.S.G.S.	AUTHORIZATION TO TRA		ו מוע ווח ז	JATUDAL C	*AC	
Ĺ	LAND OFFICE		1101 010	OIL AND I	MATURAL C	3A3	
-	IRANSPORTER OIL	7					•
J	GAS /	7					
Ì	OPERATOR /	· 1					
. I	PRORATION OFFICE	-				3 (2)	7"37 ~ · ·
8. j	Operator			)			
	**	- Company				1 1 1 1 1 1 1	TO STATE OF THE ST
-	El Paso Natural Gas	3 Company					
- 1						MAR 3	1 10 -
L	PO Box 990, Farmin					1 3	9 19/2 1
-	Reason(s) for filing (Check proper box	)		Other (Please	explain)	TOIL COM	
ſ	New Well	Change in Transporter of:		[		Dio.	COM.
	Recompletion	Oil Dry Go	as 🗍	Į		DIST.	3 /
!	Change in Ownership	Casinghead Gas Conde	nsate	]			
L				<u> </u>			
1	f change of ownership give name						
•	and address of previous owner						
ı. J	DESCRIPTION OF WELL AND	LEASE		***			
ĺ	Lease Name	Well No. Pool Name, Including F	ormation		Kind of Lease	,	Lease No.
	Huerfano Unit	227 Basin Dakota			State) Federa	lor Fee	E-2659-6
t	Location					<u></u>	LIF4039=0
- 1	Unit Letter 0 ; 107	70 Feet From The South Lir	فسم	1040	<b>.</b> . –		
-	Unit Letter Unit	70 Feet From The South Lir	e and	184U	Feet From 1	The East	<del></del>
-	Line of Section 32 Toy	waship 27N Range	10W		~	- T	
L	Line of Section 32 Tox	waship Z/N Range		, NMPM	<u>Sar</u>	n Juan	County
			_				
		TER OF OIL AND NATURAL GA		(C) 13	<del></del> , , ,	<del></del>	
	Name of Authorized Transporter of Oil	or Condensate X				ved copy of this for	
i	El Paso Natural Gas	Company	PO Bo	ox 990. Fa	rmington	NM 87401 ved copy of this for	
П			Address	Give address t	o which approv	ed copy of this for	m is to be sent)
	El Paso Natural Gas	Company	PO B	ox 990. F	arminotor	a. NM 87401	· ·
-	If well produces oil or liquids,	Unit Sec. Twp. Rge.	Is gas ac	tually connecte	d? Whe	en	
- [	give location of tanks.	O 32 27N 10W	7		į		
L			<del></del>		<del></del>		
		th that from any other lease or pool,	give comm	ningling order	number:		
۷. ر	COMPLETION DATA	Oil Well Gas Well	New Well	Workover	Deepen	Plug Back   Sam	ne Res'v. Diff. Res'
	Designate Type of Completic	n = (X)	!	, workever	Deeben	Frag Back   San	ie nes-v. Ditt. nes-
-		; A	X		<u> </u>	<del>  _     _  </del>	<u></u>
١	Date Spudded	Date Compl. Ready to Prod.	Total De	pth	<b>/</b> ==0.	P.B.T.D.	
L	3-7-72	3-27-72	<u> </u>		6558'	6542'	
ſ	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top XX/	Gas Pay		Tubing Depth	_
-	6130'GL	Dakota			6272'	6444'	
ŀ	Perforations		<del></del>			Depth Casing Sh	00
	6272-82', 6308-18',	6360-70', 6414-30', 6442	-52'			6558'	
ŀ	, , , , , , , , , , , , , , , , , , , ,	TUBING, CASING, AND		TING PECOP	D		
ŀ	1101 2 6132	7	MEN				CEMENT
-	HOLE SIZE	CASING & TUBING SIZE	<del> </del>	DEPTH SE	. I		CEMENT
L	12 1/4"	8 5/8"	<del> </del>	236'		177 cu. ft	
L	7 7/8"	4 1/2"	ļ	6558'		1163 cu.	It.
		2 3/8"		6444'		tubing	
٦							
, -	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a	fter recover	v of total value	ne of load oil o	and must be equal	to or exceed top allo
•	OIL WELL	able for this de				me mass oo equal t	o or exceed top die
	Date First New Oil Run To Tanks	Date of Test	Producing	Method (Flow	, pump, gas lif	t, etc.)	······································
ı							
┢	Length of Test	Tubing Pressure	Casing P	ressure		Choke Size	
1	_ • • • • • • • • • • • • • • • • • • •	1					
-	Actual Prod. During Test	Oil-Bbls.	Water - Bb	ole.	<del></del>	Ggs-MCF	
	Actual Flod, During 1981	J DM. W.				CAR-MOL	
L		<u> </u>	<u></u>			<u> </u>	· ·
(	GAS WELL						··
٢	Actual Prod. Test-MCF/D	Length of Test	Bble. Cor	ndenegte/MMCF		Gravity of Conde	naate
-	1,897	3 hours	1	63,44		49°	
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing P	ressure (Shut-	·in)	Choke Size	
	Calc. AOF	1706		1789	-	3/4" var	iable
L		<u></u>	h		0.16==:		
. (	CERTIFICATE OF COMPLIANC	JE.	11	OIL C	ONSERVA	TION COMMIS	SION
					MA	R 3 0 1976	4=
Į	hereby certify that the rules and r	egulations of the Oil Conservation	APPR	-V 5/D	77/-	·· • • • • • • • • • • • • • • • • • •	, 19
0	commission have been complied we bove is true and complete to the	vith and that the information given best of my knowledge and belief.	BYCE	UUINI	[[]]]	well	
4	(		المحصر الم	- Mary	CAAA		
	, 1		11	/	STIPPERVICE	i⊔ T\/Termi "~~	

Petroleum Engineer (Title)

(Date)

March 30, 1972

All sections of this form must be filled out completely for allow able 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 multiply completed wells.

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 deviation tests taken on the well in accordance with RULE 111.

3. Address of Operator	00 E		<b>5.40.</b>	DIS		ł		l Pool, or Wildcat
4. Location of Well	70, Farmin	gton, NM 8	/401				Pas in Da	Kots
		1070	Carre					
UNIT LETTERO	LOCATED	1U/UFEET 1	FROM THE SOUT	LINE AND	1840 FE	ET FROM	2. County	
	sec. 32 1	wp. 27N R	GE. 10W NMPM				San Juan	
15. Date Spudded 3-7-72	1	1	Compl. (Ready to 1 3-27-72	Prod.) 18. Elev	vations <i>(DF, RK</i> 6130	•	etc.) 19. E	Clev. Cashinghead
20. Total Depth		ig Back T.D.		e Compl., How	23. Intervals Drilled B	. Botary To	ools	Cable Tools
<b>65</b> 58'		6542'			Drilled B	0-655		
	a) of this comple	tion - Top, Botto	m, Name			•	25	. Was Directional Survey
24. Producing Interval	•						i	Made
·	2'(Dakota)		•					No Made
6272-645	2'(Dakota)				· · · · · · · · · · · · · · · · · · ·		27. Wa	to a proce
6272-645 26. Type Electric and CDL-IEL	2'(Dakota)	Temp. Surve	<del></del>		· · · · · · · · · · · · · · · · · · ·		27. Wa	no
6272-645 26. Type Electric and C CDL-IEL 28.	2'(Dakota) Other Logs Run and GR - 7	CA	SING RECORD (Rep			ING RECORD		no s Well Cored no
6272-645 26. Type Electric and CDL-IEL	2'(Dakota)	CA	SING RECORD (Rep	ort all strings se E SIZE _/4"	CEMENT	ING RECORD		no s Well Cored
6272-645 26. Type Electric and C CDL-IEL 28. CASING SIZE	2'(Dakota) Other Logs Run and GR - 7	CA /FT. DEPT	SING RECORD (Rep	E SIZE	CEMENT 177	ING RECORD		no s Well Cored no
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6272-645 26. Type Electric and C CDL-IEL 28.  CASING SIZE 8 5/8" 4 1/2"	2'(Dakota) Other Logs Run and GR - 7  WEIGHT LB. 24# 10.5#	CA /ft. DEPT 236' 6558'	SING RECORD (Rep	E SIZE	CEMENT 177 1163	cu.ft.	b	no s Well Cored no AMOUNT PULLED
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6272-645 26. Type Electric and C CDL-IEL 28.  CASING SIZE 8 5/8" 4 1/2"  29.  SIZE  31. Perforation Record 6272-82',	2'(Dakota) Other Logs Run and GR - 7  WEIGHT LB. 24# 10.5#  TOP	CA /FT. DEPT 236' 6558'  INER RECORD BOTTOM d number)	SSING RECORD (Rep H SET HOI  12 1  7 7	SCREEN  32. AC DEPTH IN	30. SIZE 2 3/8" CID, SHOT, FRA	TUB DEPT 6 CTURE, CE	ING RECO H SET 1444' MENT SQU	no s Well Cored no AMOUNT PULLED  PACKER SET  EEZE, ETC. D MATERIAL USED
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6272-645 26. Type Electric and C CDL-IEL 28.  CASING SIZE 8 5/8" 4 1/2"  29.  SIZE  31. Perforation Record 6272-82',	2'(Dakota) Other Logs Run and GR - 7  WEIGHT LB. 24# 10.5#  TOP	CA ./FT. DEPT 236' 6558'  INER RECORD BOTTOM  d number) 6360~70',	SING RECORD (Rep H SET HOI  12 7  SACKS CEMENT  6414-30'- e.	SCREEN  32. AC DEPTH IN	30. SIZE 2 3/8" CID, SHOT, FRA	TUB DEPT 6 CTURE, CE	ING RECO H SET 1444' MENT SQU	no s Well Cored no AMOUNT PULLED  PACKER SET  EEZE, ETC. D MATERIAL USED
6272-645 26. Type Electric and C CDL-IEL 28.  CASING SIZE 8 5/8" 4 1/2"  29.  SIZE  31. Perforation Record 6272-82', 6442-52'	2'(Dakota) Other Logs Run and GR - 7  WEIGHT LB. 24# 10.5#  TOP  (Interval, size an 6308-18', with 18 she	CA  OFT. DEPT  236' 6558'  INER RECORD  BOTTOM  d number) 6360-70', ots per zon	SACKS CEMENT  SACKS CEMENT  6414-30'- e.  PROD  puwing, gas lift, pump	SCREEN  32. AC DEPTH IN 6272-645.	CEMENT 177 1163  30. SIZE 2 3/8" CID, SHOT, FRA TERVAL 2'	CU. ft.  CIL. ft.  TUB  DEPTI  6  CTURE, CEI  AMOUNT  56, 000#	ING RECO H SET 1444' MENT SQU F AND KINI Sand &	no s Well Cored no AMOUNT PULLED  RD PACKER SET  EEZE, ETC. D MATERIAL USED 2 58.400 gal. wa  (Prod. or Shut-in)
6272-645 26. Type Electric and CCDL-IEL 28.  CASING SIZE 8 5/8" 4 1/2"  29.  SIZE  31. Perforation Record 6272-82', 6442-52'  33. Date First Production	2'(Dakota)  Other Logs Run and GR - 7  WEIGHT LB. 24# 10.5#  TOP  (Interval, size an 6308-18', with 18 shows the sho	CA  JEPT 236' 6558'  INER RECORD BOTTOM  d number) 6360-70', ots per zon  uction Method (Floring	SACKS CEMENT  SACKS CEMENT  6414-30'- e.  PROD  pring, gas lift, pump	SCREEN  32. AC DEPTH IN 6272-645.  UCTION ing — Size and ty	CEMENT 177 1163  30. SIZE 2 3/8"  CID, SHOT, FRATERVAL 2'  SYPE PUMP)	CU. ft.  CII. ft.  TUB  DEPTI  6  CTURE, CE  AMOUNT  56, 000	MENT SQU F AND KINI Sand &	no s Well Cored no AMOUNT PULLED  RD PACKER SET  EEZE, ETC. D MATERIAL USED 2 58, 400 gal. wa  (Prod. or Shut-in) nut-in
6272-645 26. Type Electric and CODL-IEL 28.  CASING SIZE 8 5/8" 4 1/2" 29. SIZE 31. Perforation Record 6272-82', 6442-52' 33. Date First Production	2'(Dakota)  Other Logs Run and GR - 7  WEIGHT LB. 24#  10.5#  TOP  (Interval, size an 6308-18', with 18 shows Tested)	CA  OFT. DEPT  236' 6558'  INER RECORD  BOTTOM  d number) 6360-70', ots per zon	SACKS CEMENT  SACKS CEMENT  6414-30'- e.  PROD  puwing, gas lift, pump	SCREEN  32. AC DEPTH IN 6272-645:  UCTION ing - Size and is	CEMENT 177 1163  30. SIZE 2 3/8" CID, SHOT, FRA TERVAL 2'	CU. ft.  CIL. ft.  TUB  DEPTI  6  CTURE, CEI  AMOUNT  56,000#	MENT SQU F AND KINI Sand &	no s Well Cored no AMOUNT PULLED  RD PACKER SET  EEZE, ETC. D MATERIAL USED 2 58.400 gal. wa  (Prod. or Shut-in)
6272-645 26. Type Electric and CODL-IEL 28.  CASING SIZE 8 5/8" 4 1/2" 29. SIZE 31. Perforation Record 6272-82', 6442-52' 33. Date First Production Date of Test 3-27-72 Flow Tubing Press.	2'(Dakota)  Other Logs Run and GR - 7  WEIGHT LB. 24# 10.5#  TOP  (Interval, size an 6308-18', with 18 shows the sho	CA  JEPT  236' 6558'  INER RECORD  BOTTOM  d number) 6360-70', ots per zon  uction Method (Floring Choke Size 3/4" re   Calculated 2	SING RECORD (Rep H SET HOI  12 7 7  SACKS CEMENT  6414-30! e.  PROD pwing, gas lift, pump  Prod'n. For Test Period	SCREEN  32. AC DEPTH IN 6272-645.  UCTION ing — Size and ty	CEMENT 177 1163  30. SIZE 2 3/8"  CID, SHOT, FRA TERVAL 2'  Sype pump)  Gas – MCF	CU. ft.  CII. ft.  TUB  DEPTI  6  CTURE, CE  AMOUNT  56, 000	MENT SQU F AND KINI Sand &	no s Well Cored no AMOUNT PULLED  RD PACKER SET  EEZE, ETC. D MATERIAL USED 2 58, 400 gal. wa  (Prod. or Shut-in) nut-in
6272-645 26. Type Electric and C CDL-IEL 28.  CASING SIZE  8 5/8" 4 1/2" 29. SIZE  31. Perforation Record 6272-82', 6442-52'  33. Date First Production Date of Test 3-27-72 Flow Tubing Press. SI 1706	Products of the product of the produ	CA  Jeft. DEPT  236' 6558'  INER RECORD  BOTTOM  d number) 6360-70', ots per zon  uction Method (Floring Choke Size 3/4'' re Calculated 2 Hour Rate	SING RECORD (Rep H SET HOI  12 7 7  SACKS CEMENT  6414-30! e.  PROD pwing, gas lift, pump  Prod'n. For Test Period	SCREEN  32. AC  DEPTH IN  6272-645:  UCTION  ing — Size and i:  0:1 — Bbl.  63, 44	CEMENT 177 1163 30. SIZE 2 3/8" CID, SHOT, FRA TERVAL 2'  Sype pump) Gas - MCF Wate	CU. ft.  CII. ft.  TUB  DEPTI  6  CTURE, CEI  AMOUNT  56, 000#	MENT SQU F AND KINI Status Sh Bbl. Bbl. Coll C	AMOUNT PULLED  AMOUNT PULLED  RD  PACKER SET  EEZE, ETC. D MATERIAL USED  (Prod. or Shut-in)  nut-in  Gas—Oil Ratio  Gravity — API (Corr.)  490
6272-645 26. Type Electric and C CDL-IEL 28.  CASING SIZE  8 5/8" 4 1/2"  29.  SIZE  31. Perforation Record 6272-82', 6442-52'  33. Date First Production  Date of Test  3-27-72 Flow Tubing Press.	Products of the product of the produ	CA  Jeft. DEPT  236' 6558'  INER RECORD  BOTTOM  d number) 6360-70', ots per zon  uction Method (Floring Choke Size 3/4'' re Calculated 2 Hour Rate	SING RECORD (Rep H SET HOI  12 7 7  SACKS CEMENT  6414-30! e.  PROD pwing, gas lift, pump  Prod'n. For Test Period	SCREEN  32. AC DEPTH IN 6272-645  UCTION ing - Size and ty 011 - Bbl. 63. 44 Gas - MCF	CEMENT 177 1163 30. SIZE 2 3/8" CID, SHOT, FRA TERVAL 2'  Sype pump) Gas - MCF Wate	CU. ft.  CII. ft.  TUB  DEPTI  6  CTURE, CEI  AMOUNT  56, 000#	MENT SQU F AND KINI Sand & Well Status SI Bbl. H8	AMOUNT PULLED  AMOUNT PULLED  RD  PACKER SET  EEZE, ETC. D MATERIAL USED  (Prod. or Shut-in)  nut-in  Gas—Oil Ratio  Gravity — API (Corr.)  490