CMD : ONGARD 04/28/00 09:25:24
OG5SECT INQUIRE LAND BY SECTION OGOMES -TQB4
PAGE NO: 1

Sec : 10 Twp : 26N Rng : 11W Section Type : NORMAL

D 40.00 Federal owned A	C 40.00 Federal owned	B 40.00 Federal owned	A 40.00 Federal owned
E 40.00 Federal owned	F 40.00 Federal owned	G 40.00 Federal owned	H 40.00 Federal owned

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD : ONGARD 04/28/00 09:25:29
OG5SECT INQUIRE LAND BY SECTION OGOMES -TQB4
PAGE NO: 2

Sec : 10 Twp : 26N Rng : 11W Section Type : NORMAL

L	K	J	I
40.00	40.00	40.00	40.00
Federal owned	Federal owned	Federal owned A A	Federal owned
M	N	O	P
40.00	40.00	40.00	40.00
Federal owned	Federal owned A	Federal owned	Federal owned

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

Date: 4/28/2000 Time: 09:40:33 AM

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
NM SF 03153

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
O.H. Randel 2E

2. Name of Operator
Cross Timbers Operating Company

9. API Well No.
30-045-23985

3a. Address
2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

3b. Phone No. (include area code)
324 1090

10. Field and Pool, or Exploratory Area
Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1700 FSL & 1800 FEL Unit J Sec 10, T 26 N , R 11 W

11. County or Parish, State
San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☒ Plug Back	☐ Water Disposal	

13. Describe Proposed or Coommpleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Cross Timbers Operating Company request permission to plug back from the Dakota formation to the Fruitland Coal formation per the attached procedure.

MAR 2000
RECEIVED
OIL CON. DIV
DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)
Loren W Fothergill

Title
Production Engineer

Loren W Fothergill

Date 2-29-00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by /s/ Charlie Beecham

Title

Date MAR 17 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on reverse)

O.H. RANDEL #2E
SEC 10, T 26 N, R 11 W
SAN JUAN COUNTY NEW MEXICO

Formation:	Basin Dakota
Surface csg:	8-5/8", 24#, J-55 csg @ 944'. Cmt'd w/665 sx cl "B" cmt w/2% $CaCl_2$ & 1/4 #/sx Flocele. Circ cmt to surf.
Production csg:	4-1/2", 9.5 & 10.5#, K-55 csg @ 6,395'. DV tool @ 4,527'. Cmt'd 1st stage w/330 sx 50/50 POZ mix w/2% gel & 1/4 #/sx Flocele. Tailed in w/165 sx cl "B" cmt w/10% salt & 1/4 #/sx Flocele. Did not circ cmt to surf. Cmt'd 2nd stage w/360 sx 65/35 POZ mix w/6% gel & 10 #/sx Gilsonite. Tailed in w/665 sx 50/50 POZ mix w/2% gel & 12-1/2 #/sx Gilsonite. Circ cmt to surf.
Tbg:	NC, SN, 107 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, 4-1/2" Baker A-2 Lockset pkr & 87 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. EOT set @ 6,320' KB. SN set @ 6,318' KB. Pkr set @ 2,838' KB w/12 K lbs tension.
Perfs:	6,326'-30' & 6,310'-16'.
Current Status:	SI.
Work over reason:	Recomplete to Fruitland Coal.

1. Install ppg unit.

2. Set 2- 400 bbl frac tnks & fill w/fresh wtr.

3. MIRU PU. Check and record tubing, casing, and bradenhead pressures.

4. Blow well down and kill well w/fresh wtr, if required.

5. ND WH. NU and pressure test BOP.

6. Rel pkr. TOH w/2-3/8" tbg & pkr. LD pkr.

7. PU 4-1/2" cmt retainer. TIH w/cmt retainer & tbg. Set retainer @ 6,200'. Sqz DK perfs w/25 sx class "B" cmt. Spot 5 sx class "B" cmt plug on top of retainer.

8. TOH & LD tbg to 5,360'. Spot a 100' cmt plug across the Gallup formation top fr/5,360'-5,260' w/12 sx cl "B" cmt w/2% $CaCl_2$.

9. TOH & LD tbg to 3,330'. Spot a 100' cmt plug across the Cliff House formation top fr/3,330'-3,230' w/12 sx cl "B" cmt w/2% $CaCl_2$.

10. TOH & LD tbg to 2,700'. TOH w/tbg. PU 4-1/2" cement retainer. TIH w/retainer & tbg. Set retainer @ 2,700'.

11. Sqz csg lk fr/2,773'-2,805' w/30 sx cl "B" cmt. Spot 5 sx cl "B" cmt plug on top of retainer.

12. Circ wellbore clean. TOH w/tbg.

13. MIRU WL. Run CBL/GR/CCL fr/1,800' to 950'.

14. Press tst csg to 3,500 psig.

15. Perf FC w/3-1/8" gun w/16 gram charges fr/1,729'-1,741' w/4 JSPF (12' net pay, 48 – 0.37" diam holes). RDMO WL.

16. MIRU frac crew. BD perfs fr/1,729'-1,741' dwn csg w/500 gals 15% HCl acid w/appropriate additives.

17. Pump prefrac 10 bbls slugs of 25#, x-linked, gelled, fresh wtr increasing sd concentration fr/1/2 to 1 PPG of 40/70 Arizona sd. If there are no pressure abnormalities continue with frac per attached pmp scheduled for 70 quality foam frac. Do not shut dwn. RDMO frac crew.

Stage	BPM	Fluid	Proppant
Pad	25	10,000 gals 70 Q Foam	
1 PPG	25	2,000 gals 70 Q Foam	4,000# 16/30 Brady sd
2 PPG	25	3,000 gals 70 Q Foam	6,000# 16/30 Brady sd
3 PPG	25	5,000 gals 70 Q Foam	15,000# 16/30 Brady sd
4 PPG	25	4,000 gals 70 Q Foam	16,000# 16/30 Brady sd
5 PPG	25	5,000 gals 70 Q Foam	25,000# 16/30 Brady sd
Flush	25	1,085 gals Linear gel	

18. Shut well in 2 hrs. Flw back csg on ck manifold to pit. Start with 3/8" ck. If sd production is minimal increase ck size until sd production increases.

19. CO sd w/bailer to 1,900'.

20. Land 2-3/8" tbg as follows: 2-3/8" x 18' slotted OPMA, SN, ± 54 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg set @ ± 1,780'.

21. Swab well in until sd flow back quantity is determined.

22. TIH w/2" x 1-1/2" x 12' RWAC pmp w/1" x 1' gas anchor & ±71 - 3/4" Norris grade D rods w/FH "T" cplgs.

23. HWO. Start ppg unit.

24. Rpt rates and pressures to Loren Fothergill. RDMO PU.

25. Set & start compressor.

26. Tst well as necessary.

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 RioBrazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
CROSS TIMBERS OPERATING COMPANY 6001 Highway 64 Farmington, NM 87401	167067
	[3] Reason for Filing Code 11/1/98 Change of Operator ~~12/1/97~~

[4] API Number	[5] Pool Name	[6] Pool Code
30-045-23985	BASIN DAKOTA	71599
[7] Property Code	[8] Property Name	[9] Well Number
	O H RANDEL	2E

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	10	26N	11W		1700	S	1800	E	SJ

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F					

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] POD	[21] O/G	[22] POD ULSTR Location and Description

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DEC 1 9 1997
OIL CON. DIV.
DIST. 3

IV. Produced Water

[23] POD	[24] POD ULSTR Location and Description

V. Well Completion Data

[25] Spud Date	[26] Ready Date	[27] TD	[28] PBTD	[29] Perforation	[30] DHC,DC,MC

[31] Hole Size	[32] Casing and Tubing Size	[33] Depth Set	[34] Sacks Cement

VI. Well Test Data

[35] Date New Oil	[36] Gas Delivery Date	[37] Test Date	[38] Test Length	[39] Tbg. Pressure	[40] Csg. Pressure
[41] Choke Size	**[42] Oil**	**[43] Water**	**[44] Gas**	**[45] AOF**	**[46] Test Method**

[47] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete tothe best of my knowledge and belief.
Signature: Vaughn O. Vennerberg

Printed Name: Vaughn O. Vennerberg, II
Title: Sr. Vice President-Land
Date: December 1, 1997 Phone: (505) 632-5200

OIL CONSERVATION DIVISIO
Approved by: Frank T. Chavez
Title: Supervisor District #3
Approval Date:

[48] If this is a change of operator fill in the OGRID number and name of the previous operator Amoco Production Company OGRID# 000778

Gail Jefferson — Gail Jefferson — Senior Administrative Staff Assistant — 12/01/97

Previous Operator Signature | Printed Name | Title | Date

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-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator Name and Address	[2] OGRID Number
Amoco Production Company 1670 Broadway P.O. Box 800 Denver, Colorado 80201	000778
	[3] Reason for Filing Code CH Effective 5-01-1996

[4] API Number	[5] Pool Name	[6] Pool Code
30-045-23985	Basin Dakota	71599
[7] Property Code	**[8] Property Name**	**[9] Well No.**
18877	O.H. Randel	2E

II. [10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	10	26N	11W		1700	SOUTH	1800	EAST	SAN JUAN

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	Flowing	----------	N/A	N/A	N/A

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] POD	[21] O/G	[22] POD ULSTR Location and Description
7057	El Paso Natural Gas P.O. Box 4990 Farmington, NM 87499	0555630	G	
9018	Giant Refining Corp P.O. Box 256 Farmington, NM 87499	0555610	O	

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APR 11 1996
OIL CON. DIV.
DIST. 3

IV. Produced Water

[23] POD	[24] POD ULSTR Location and Description

V. Well Completion Data

[25] Spud Date	[26] Ready Date	[27] TD	[28] PBTD	[29] Perforations

[30] Hole Size	[31] Casing & Tubing Size	[32] Depth Set	[33] Sacks Cement

VI. Well Test Data

[34] Date New Oil	[35] Gas Delivery Date	[36] Test Date	[37] Test Length	[38] Tbg. Pressure	[39] Csg. Pressure
[40] Choke Size	**[41] Oil**	**[42] Water**	**[43] Gas**	**[44] AOF**	**[45] Test Method**

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

Signature: Patty Haefele

Printed Name: Patty Haefele

Title: Staff Assistant

Date: April 10, 1996 Phone: (303) 830-4988

OIL CONSERVATION DIVISION

Approved by:

Title: SUPERVISOR DISTRICT #3

Approval Date: APR 26 1996

[47] If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
	J.C. Harris	Operations Superintendent	April 4, 1996

BHP Petroleum (Americas), Inc. OGRID Number: 2217

Form 23-119 (Rev. 4-73)

EL PASO NATURAL GAS COMPANY
POST OFFICE BOX 990
FARMINGTON, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE May 11, 1981

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

GAS FROM Energy Reserves Group, Inc. (Operator) O. H. Randel #2-E (Well Name)

93-675-01	73906-51	J	10-26-11
Meter Code	Site Code	Well Unit	S-T-R

Basin Dakota (Pool) El Paso Natural Gas Company (Name of Purchaser)

WAS MADE ON 4-30-81 (Date). FIRST DELIVERY 5-4-81 (Date)

AOF ---

CHOKE 357

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MAY 19 1981
OIL CONSERVATION DIVISION
SANTA FE

El Paso Natural Gas Company
Purchaser

Representative

Chief Dispatcher
Title

cc: Operator
Oil Conservation Commission – 2
Proration – El Paso

File

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MAY 13 1981
OIL CON. COM.
DIST. 3

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SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

RECEIVED
DEC 19 1985
OIL CONSERVATION DIVISION

Operator
BHP Petroleum (Americas), Inc.

Address
P.O. Box 3280, Casper, WY 82602

Reason(s) for filing (Check proper box)

New Well	☐	Change in Transporter of:	
Recompletion	☐	Oil ☐	Dry Gas ☐
Change in Ownership	X	Casinghead Gas ☐	Condensate ☐

Other (Please explain)

If change of ownership give name and address of previous owner Energy Reserves Group, Inc., P.O. Box 3280, Casper, WY 82602

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
O.H. Randel	2-E	Basin Dakota	State, Federal or Fee Federal	NM03153

Location
Unit Letter J : 1700 Feet From The South Line and 1800 Feet From The East

Line of Section 10 Township 26N Range 11W , NMPM, San Juan County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
Giant Refining, Inc.	Box 256 Farmington, NM 87401
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Co.	P.O. Box 1492, El Paso, Texas 79978

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					Yes	

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

COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resv.	Diff. Resv.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

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)

OIL WELL

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

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SEP 27 1985
OIL CON. DIV.
DIST. 3

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

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

Dale Belden
(Signature)

District Clerk
(Title)

9-19-85
(Date)

OIL CONSERVATION COMMISSION

APPROVED SEP 27 1985, 19

BY Frank T. Chavez

TITLE SUPERVISOR DISTRICT III

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.

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 multiply completed wells.

SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and
Effective 1-1-65

I.

Operator: Energy Reserves Group, Inc.

Address: P. O. Box 3280, Casper, Wyoming 82602

RECEIVED
JUN 23 1980
OIL CONSERVATION DIVISION
SANTA FE

Reason(s) for filing (Check proper box)

New Well [X]
Recompletion [ ]
Change in Ownership [ ]

Change in Transporter of:
Oil [ ] Dry Gas [ ]
Casinghead Gas [ ] Condensate [ ]

Other (Please explain)

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease
O. H. Randel	2-E	Basin Dakota	State, Federal or Fee Federal	NM-031

Location

Unit Letter J : 1700 Feet From The South Line and 1800 Feet From The East

Line of Section 10 Township 26N Range 11W , NMPM, San Juan Coun

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [X]	Address (Give address to which approved copy of this form is to be sent)
Giant Refining, Inc.	Box 256, Farmington, New Mexico 87401
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Co.	P. O. Box 1492, El Paso, Texas 79978

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					NO	W. O. Pipeline

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

IV. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Re
		X	X					

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
4-5-80	5-20-80	6395'	6352'
Elevations (DF, RKB, RT, GR, etc.)	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
GRD 6364' KB 6378'	Dakota	6262'	6314'
Perforations			**Depth Casing Shoe**
6310'-16'; 6326'-30' w/1 JSPF (12 holes)			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	8-5/8"	955'	665 sx Class "G" w/2
			$CACL_2$ + 1/4# Cellofl
7-7/8"	4-1/2"	6391'	
	2-3/8"	6314'	

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 a able for this depth or be for full 24 hours)

OIL WELL

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**

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JUN 16 1980
OIL CON. COM.
DIST. 3

GAS WELL * Tested w/orifice well tester thru test separator

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
357	24 HRS	9	36.1
Testing Method (pitot, back pr.)	**Tubing Pressure**	**Casing Pressure (Shut-in)**	**Choke Size**
* See above note	50 PSI	150 PSI	48/64"

VI. CERTIFICATE OF COMPLIANCE

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

Judith Ross
(Signature)
District Clerk
(Title)
6-11-80
(Date)

OIL CONSERVATION COMMISSION

APPROVED JUN 16 1980, 19____

BY Frank T. Chavez

TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepe well, this form must be accompanied by a tabulation of the devia tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for al able on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of ow well name or number, or transporter, or other such change of condit

Separate Forms C-104 must be filed for each pool in mult

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM-03153

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

8. FARM OR LEASE NAME: O.H. Randel

2. NAME OF OPERATOR: Energy Reserves Group, Inc.

9. WELL NO.: 2-E

3. ADDRESS OF OPERATOR: P.O. Box 3280 - Casper, Wyoming 82602

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1,700' FSL & 1,800' FEL (NW SE)
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 10-T26N-R11W

RECEIVED JUN 6 1980 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: San Juan | 13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-5-80	4-16-80	5-20-80	GRD 6,364'; KB 6,378'	----------

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6,395'	6,352'	NA	→	0-TD	----------

RECEIVED JUN 11 1980 OIL CON. COM. DIST. 3

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 6,310' - 6,330' - Dakota

JUN 10 1980

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction - SFL & Compensated Neutron-Formation Density

OIL CONSERVATION DIVISION SANTA FE

27. WAS WELL CORED: NO

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	955'		665 sx Class "G" w/2% CaCl2 + 1/4# Celloflake	-0-
4-1/2"	9.5# & 10.5#	6,391'		See Back of Page	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
		None		

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6,314'	None

31. PERFORATION RECORD (*Interval, size and number*)
6,310'-16' & 6,326'-30' w/1 JSPF 612 holes

ACCEPTED FOR RECORD
JUN 10 1980
FARMINGTON DISTRICT
BY

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6310'-16' & 6326'-30'	Breakdown w/1000 gal. Smith 7-1/2 "HAS-1" Acid w/Methanol, N_2 & additives. See back of page for frac details

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-20-80	24	48/64"	→	9	357	2(load fluid)	39,667 SCF/STBO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
50	150 psi	→	9	357	2(load fluid)	36.1

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): VENTED DURING TEST

TEST WITNESSED BY: T.C. DURHAM

35. LIST OF ATTACHMENTS: SAMPLE DESCRIPTION

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED J. E. Jones TITLE Dist.Prod Engr-RMD DATE June 3, 1980

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			SEE ATTACHED 4-1/2" cementing - 1st stage - 330 sks 50-50 Pozmix + 2% Gel + 1/4#/sk Flocele - Followed w/165 sks "B" + 10% Salt + 1/4#/sk Flocele. Stage Collar @ 4,527' 2nd stage - 360 sks 65-35 Pozmix + 6% Gel + 10#/sk Gilsonite - Followed w/665 sks 50-50 Pozmix + 2% Gel + 12-1/2#/sk Gilsonite - Circ. cement to surface. Frac - 25,000 gal. 70% Quality Foam w/ 12,000# 20-40 sand - sanded off. Refrac - 55,000 gal. 70% Quality Foam w/ 30,000# 40-60 sand & 20,000# 20-40 sand.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
LOG TOPS:		
Fruitland	1,477'	
Pictured Cliffs	1,739'	
Lewis	2,027'	
Chacra	2,626'	
Cliff House	3,280'	
Menefee	3,365'	
Point Lookout	4,168'	
Mancos	4,458'	
Gallup	5,310'	
Greenhorn	6,143'	
Graneros	6,201'	
Dakota	6,262'	
TD Driller	6,395'	
Logger	6,384'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

GPO 680-378

SAMPLE DESCRIPTION

1010 - 30 20% Ss: clr, cg, lse, sbang
80% Sh: bl gry-brn, sft, plty-blky, clayey

30 - 50 100% Sh: AA, some slty-sl sndy

50 - 70 80% Ss: clr, cg, sbrnd-sbang, lse
20% Sh: AA

70 - 80 70% Ss: AA
30% Sh: gry, sft, blky, clayey, w/occ carb incl

1080 - 1110 70% Ss: AA, some wht, fg, cons, cly fld, tite
30% Sh: AA

10 - 30 30% Ss: AA
70% Sh: bl gry-lt gry, sft, blky, clayey, w/occ carb incl

30 - 40 20% Ss: AA
80% Sh: AA, some sl slty

40 - 60 N.S.

60 - 90 80% Ss: clr, cg, ang-sbrnd, lse
20% Sh: AA

1190 - 1200 100% Ss: AA

1200 - 10 20% Ss: wht, f-m-cg, psrt, cly fld, tite, some lse.
80% Sh: bl gry-brn, blky, frm, clayey-some sl slty

10 - 20 N.S.

20 - 50 100% Sh: bl gry, sft, blky-plty

50 - 80 100% Sh: bl gry-gry, frm, blky, clayey, some sl slty

80 - 90 10% Ss: wht, vfn-g, sbang, cly fld, tite, occ carb incl
90% Sh: AA

90 - 1300 30% Ss: AA
70% Sh: AA

1300 - 10 100% Sh: bl gry-brn, frm, blky, sl clayey, w/occ carb incl

10 - 50 N.S.

50 - 60 20% Ss: wht, f-mg, psrt, sbang, mod cly fld, visible porosi
sl feld
80% Sh: lt gry-gry, blky, clayey

60 - 80 10% Ss: AA
90% Sh: AA

80 - 1400 10% Ss: wht, fg, sbrnd, cly fld, tite
90% Sh: AA

1400 - 30	100% Sh: bl gry-gry, frm, blky
30 - 50	100% Sh: AA, some sl slty, blky-plty
50 - 90	10% Ss: wht, fg, sbang, cly fld, tite, sl feld 90% Sh: AA
1490 - 1520	10% Ss: AA 90% Sh: AA, w/occ carb incl
20 - 40	100% Sh: AA
40 - 50	N.S.
50 - 60	100% Sh: AA, some sl sndy
1560 - 1650	90% Sh: AA 10% Coal: blk, vit
50 - 60	100% Sh: gry, sft, blky, clayey
60 - 80	100% Sh: AA, w/carb incl
80 - 90	100% Sh: AA, some dk brn, sl carb
1690 - 1720	10% Ss: wht, fg, cly fld, tite 90% Sh: AA
20 - 50	30% Ss: wht, fg, sbang, cly fld, tite, sl feld, sl calc, w/carb incl 70% Sh: AA
50 - 70	100% Sh: lt gry-gry, sft, blky, clayey
70 - 80	20% Ss: wht, fg, sbang, cly fld, tite, sl calc, sl feld, w/occ carb incl 80% Sh: AA
80 - 90	N.S.
90 - 1800	20% Ss: wht, fg, sbang, cly fld, tite, sl feld, w/occ carb incl 80% Sh: AA
1800 - 10	10% Ss: AA 90% Sh: AA
10 - 40	20% Ss: wht, fg, sbang, cly fld, tite, sl feld, w/carb inc 80% Sh: AA
40 - 50	20% Ss: AA, calc, no feld 80% Sh: gry, sft, plty, clayey
50 - 70	30% Ss: AA, poss sl por. 70% Sh: AA

1870 - 90	N.S.
90 - 1900	20% Ss: wht, fg, sbang, cly fld, tite, w/carb incl 80% Sh: AA
1900 - 10	30% Ss: AA 70% Sh: AA
10 - 20	N.S.
20 - 50	30% Ss: wht, fg, sbang, cly fld, tite, sl feld, s & p, sl glauc 70% Sh: AA
50 - 70	100% Sh: AA
1970 - 2710	N.S.

Sample Description

2710 - 20	tr Ss wht vfg s ang clay fild
	90% Sh gy,gy-tn,dk gy-bn carb
	10% Coal
20 - 30	AA
30 - 40	60% Sh tn-bn,dk gy-bn carb,gy slty,gn-gy mudst
	30% Coal
40 - 50	AA
50 - 60	AA
60 - 70	80% Sh lt gy,gy-bn slty,sm carb,tn slty
	20% Coal
70 - 80	AA
80 - 90	AA
90 - 2800	40% Sh wht-lt gy,gy-tn carb,occ tn slty
	60% Coal
2800 - 10	AA
10 - 20	AA
20 - 30	Sh tn slty,lt gy mudst 20%
	80% Coal
30 - 40	AA
40 - 50	AA
50 - 60	10% Ss lt gy vfg s rdd w/occ carb strks
	90% Sh blu-gy,sm gy-tn slty ip
60 - 70	AA
70 - 80	AA
80 - 90	100% Sh aa,occ lt gy-wht mudst,dk gy-bn carb
	tr Coal
90 - 2900	AA
2900 - 10	AA
10 - 20	90% Sh blu-gy,gn-gy,tn-gy,occ lt gy
	10% Coal
20 - 30	AA
30 - 40	AA
40 - 50	90% Sh aa,occ dk gy-bn carb
	10% Coal
50 - 60	AA
60 - 70	AA
70 - 80	90% Sh gn-gy,bn slty,dk gy-bn carb
	10% Coal
80 - 90	AA
90-3000	AA
3000 - 10	90% Sh aa,occ gy slty,abdt dk gy-bn carb
	10% Coal
10 - 20	AA
20 - 30	AA
30 - 40	100% Sh gn-gy,lt gy slty,bn carb
	tr Ss wht-lt gy vfg v carb
	tr Coal
40- 50	AA
50 - 60	AA
60 - 70	Sh gy-tn,bn carb,occ lt gy slty,sm aa100%
	tr Ss lt bn vfg s&p shly
70 - 80	AA
80 - 90	AA
90 - 3100	100% Sh gy-tn slty ip,sm dk gy-bn carb
	tr Ss wht-lt gy vfg
3100 - 10	AA
10 - 20	AA

3120 - 30	100% Sh tn-gy slty lp,abdt dk gy-bn carb,occ gy slty
	tr Ss lt gy vfg
30 - 40	AA
40- 50	AA
50 - 60	100% Sh aa
	tr Coal
	tr Ss lt gy s&p vfg shly
60 - 70	AA
70 - 80	AA
80 - 90	80% Sh lt gy mudst,gy-tn slty lp,abdt dk gy-bn carb
	10% Ss wht-lt gy vfg sl shly
	10% Coal
90 - 3200	AA
3200 - 10	AA
10 - 20	90% Sh gy slty,lt gy-tn slty lp,dk gy-bn carb
	10% Coal
20 - 30	100% Sh gy-bn,lt gy bent,sm g slty
	tr Ss lt gy s&p vfg s ang
30 - 40	100% Sh gy sdy sft,sm gy slty frm lt tn bent
40 - 50	100% Sh tn slty sft,sm gy-bn carb
	tr Ss lt gy vfg s&p w/carb lams
50 - 60	tr Ss gy vfg s&p shly
	100% Sh gy-tn slty,occ gy-bn carb
60 - 70	100% Sh gy slty,dk gy-bn carb
70 - 80	10% Ss wht-lt gy vfg s&p sl shly lp
	90% Sh gy-tn carb,dk gy-bn
80 - 90	10% Ss aa
	90% Sh lt bn slty,gy-tn
90 - 3300	20% Ss lt tn vfg-slt s&p
	80% Sh lt bn slty,gy,gy-tn,occ dk gy-bn carb
3300 - 10	tr Ss lt tn vfg s&p shly
	90% Sh aa
	10% Coal
10 - 20	tr Ss lt gy vfg
	100% Sh gy slty gy-bn slty,dk gy-bn carb
	tr Coal
20 - 30	10% Ss tn vfg s&p shly
	90% Sh gy-tn slty carb lp
30 - 40	20% Ss wht-lt gy vfg s rdd sm lt gy shly
	80% Sh gy-tn slty carb
40 - 50	20% Ss aa
	80% Sh gy slty,bn carb
50 - 60	100% Sh gy-tn slty,gy slty,occ lt gy slty
60 - 70	90% Sh aa,sm tn carb
	10% Coal
70 - 80	10% Ss lt tn vfg s rdd shly lp
	90% Sh aa,abdt dk gy-bn carb
80 - 90	100% Sh tn slty,gy-tn slty,dk gy-bn carb
90 - 3400	100% Sh gy-bn carb,dk gy-bn carb,tn slty
3400 - 10	100% Sh gy-tn,gy slty,sm lt gn-gy slty,dk gy-bn carb
10 - 20	20% Ss wht-lt gy s&p vfg
	60% Sh gy slty,gy-tn mudst
	20% Coal
20 - 30	30% Ss wht-lt gy vfg sl shly
	70% Sh lt gy bent,gy-tn slty,dk gy-bn carb
30 - 40	tr Ss aa
	100% Sh aa,abdt dk gy-bn carb
40 - 50	100% Sh gy slty,gy-tn,dk gy slty

50 - 60 80% Sh gy slty,dk gy-bn carb
20% Coal

60 - 70 90% Sh gy slty,gy-bn slty carb
tr Ss wht fg clay fild
10% Coal

70 - 80 tr Ss aa,lt gy vfg s&p shly
90% Sh dk gy-bn carb
10% Coal

80 - 90 100% Sh bn carb,dk-gy-bn carb,sm gy-tn slty
tr Ss lt bn vfg shly

90 - 3500 tr Ss gy vfg carb
100% Sh tn slty carb,dk gy-bn carb

3500- 10 10% Ss wht vfg-slt,sm gy vfg shly
90% Sh lt bn carb slty

10 - 20 20% Ss aa
90% Sh aa,sm gy-bn carb

20 - 30 90% Sh aa,sm lt crm slty
10% Coal

30 - 40 100% Sh aa,dk gy-bn slty carb

40 - 50 10% Ss wht vfg s&p clay fild
90% Sh gy slty,dk gy-bn carb

50 - 60 10% Sswht-lt gy vfg-slt s&p shly
90% Sh gy slty,gy-bn carb

60 - 70 90% Sh gy-tn slty,dk gy-bn carb
10% Ss wht fg s rdd clay fild

70 - 80 10% Ss aa,occ v carb
90% Sh aa,sm tn slty carb
tr Coal

80 - 90 20% Ss tn vfg s&p shly,carb ip
80% Sh tn,gy slty,sm dk gy-bn carb

90 - 3600 Ss wht vfg 10%
90% Sh gy-bn slty,dk gy-bn carb
tr Coal

3600 - 10 90% sh lt gy bent,dk gy carb
10% Coal

10 - 20 20% Ss lt gy vfg s&p sm clay fild
80% Sh tn slty carb,dk gy slty
tr Coal

20- 30 20% Ss aa,sm gy vfg carb
80% Sh aa

30 - 40 20% Ss wht fg s ang clay fild
80% Sh aa,sm bn slty

40 - 50 20% Ss aa
80% Sh aa

50 - 60 10% Ss aa,sm fg clay fild
90% Sh tn sft carb,dk gy-bn carb

60 - 70 90% Sh aa,sm gy slty
10% Coal

70 - 80 10% Ss wht-tn f-mg s ang clay fild
80% Sh tn slty carb,dk bn carb
10% Coal

80 - 90 10% Ss wht vfg s ang clay fild
90% Sh gy slty,gy-bn carb,dk gy-bn carb

90 -3700 10% Ss aa,sm gy vfg s&p sl shly
90% Sh gy slty,dk gy-bn carb

3700 - 10 100% Sh bn carb,dk gy-bn carb

10 - 20 90% Sh aa
10% Ss wht-tn vfg s rdd clay fild

20 - 30 tr Ss aa
100% Sh aa
30 - 40 N S
40 - 50 20% Ss lt gy vfg s rdd
80% Sh gy-tn,dk gy-bn carb,gy slty
50 - 60 10% Ss wht-lt gy vfg s&p sm clay fild
70% Sh gy slty,gy-bn carb
20% Coal
60 - 70 tr Ss lt gy vfg s&p shly
90% Sh aa
10% Coal
70 - 80 tr Ss aa w/carb flecks
90% Sh aa
10% Coal
80 - 90 10% Ss lt gy vfg s&p shly
90% Sh aa,abdt dk gy v carb
90m- 3800 100% Sh tn,bn carb,dk bn carb
3800 - 10 AA A
10 - 20 100% Sh bn shly carb,dk gy-bn carb
20 - 30 AA
30 - 40 100% Sh aa,sm lt bn slty
40 - 50 100% Sh lt bn carb mudst,dk gy-bn carb,occ bn slty
50 - 60 90% Sh lt bn slty carb,dk bn carb
10% Coal
60 - 70 AA
70 - 80 tr Ss lt tn vfg s&p carb clay fild
100% Sh bn carb,dk gy-bn carb
80 - 90 100% Sh lt bn slty carb,dk gy carb,sm bn slty carb
tr Coal
90 - 3900 100% Sh gy slty carb,dk gy-bn carb
3900 - 10 Sh dk bn carb,sm dk-blk
10 - 20 100% Sh aa,occ lt bn carb
20 - 30 AA,tr Coal
30 - 40 tr Ss gy vfg s&p shly
Sh aa
40 - 50 100% Sh gy-bn shly carb,dk gy carb
50 - 60 AA
60 - 70 N S
70 - 80 tr Ss lt gy vfg s rdd
Sh gy slty carb,dk gy-blk carb
80 - 90 100% Sh bn carb dk gy-bn carb,occ gy slty
90 - 4000 10% Ss wht-lt tn fg s ang clay fild carb ip
90% Sh aa,tr Coal
4000-10 30% Ss wht-lt gy s&p vfg sm lt bn vfg s&p shly
70% Sh aa
10 - 20 10% Ss aa
90% Sh gy-bn,bn slty,gy carb
20 - 30 10% Ss aa,sm bn slty shly
90% Sh bn carb,dk bn carb,tr Coal
30 - 40 10% Ss wht-lt gy s&p vfg clay fild
90% Sh aa
40 - 50 90% Sh bn slty carb,dk gy-bn carb,sm gy slty carb
10% Coal
50 - 60 10% Ss gy vfg s&p shly
90% Sh gy slty carb,dk gy-bn carb
60 - 70 100% Sh aa,sm bn slty,tr Coal
70 - 80 tr Ss gy vfg s&p shly
Sh aa

4080 - 90	20% Coal,80% Sh aa
90 - 4100	tr Ss gy vfg s&p shly
	70% Sh bn slty,dk gy-bn carb
	30% Coal
4100 - 10	90% Sh gy slty,bn carb,dk gy-bn carb
	10% Coal
10 - 20	100% Sh aa,tr Coal
20 - 30	20% Ss wht-lt gy vf-fg s&p clay fild ip
	80% Sh gy,gy-bn carb
30 - 40	20% Ss aa,tr glauc,sm gy shly
	80% Sh aa,tr Coal
40 - 50	20% Ss aa
	80% Sh bn slty carb,dk gy carb
50 - 60	10% Ss bn vfg-slt s&p shly,occ lt bn vfg shly
	90% Sh gy slty carb,dk bn carb
60 - 70	80% Sh aa,20% Coal
70 - 80	50% Sh aa,50% Coal
80 - 90	tr Ss gy vfg w/carb flecsks sl shly
	Sh bn carb,dk gy carb
90 - 4200	20% Sh aa,80% Coal
4200 - 10	N S
10 - 20	10% Sh aa,90% Coal
20 - 30	AA
30 - 40	70% Sh aa,30% Coal
40 - 50	10% Ss wht-lt gy vfg s&p clay fild
	90% Sh bn carb slty ip,gy-bn carb
50 - 60	Ss aa10%
	80% Sh aa
	10% Coal
60 - 70	100% Sh gy-bn slty carb,bn carb
70 - 80	Ss wht-lt tn vfg s&p,sm clay fild
	90% Sh aa,tr Coal
80 - 90	10% Ss aa,sm gy-bn vfg shly
	90% Sh aa
90 - 4300	100% Sh aa
4300 - 10	tr Ss wht-clr fg s ang sm clay fild
	Sh aa,sm dk bn slty
10 - 20	100% Sh gy-bn carb
20 - 30	AA
30 - 40	Sh aa abdt dk gy-bn carb
40 - 50	10% Ss lt gy fg tr glauc
	90% Sh gy shly,bn carb,dk gy-bn carb
50 - 60	10% Ss lt gy vfg sm clay fild
	90% Sh aa
60 - 70	100% Sh gy-bn carb slty ip
70 - 80	10% Ss gy vfg s&p shly
	90% Sh aa,sm dk gy-bn carb
80 - 90	100% Sh aa
90 - 4400	10% Ss clr-wht fg s ang
	90% Sh gy carb,dk gy-bn carb slty ip
4400 - 10	30% Ss wht-clr s&p vf-fg clean occ sl shly
	70% Sh gy-bn slty carb
10 - 20	40% Ss lt gy fg s&p sl shly,occ glauc
	60% Sh aa
20 - 30	40% Ss aa,occ gy sl slty
	60% Sh aa,sm dk gy-bn carb
30 - 40	30% Ss wht-lt tn fg occ glauc,sl shly
	70% Sh aa
40- 50	50% Ssm aa,occ dirty,sm gy vfg shly
	50% Sh aa

4450 - 60 20% Ss aa
80% Sh gy-bn carb slty lp,dk gy-bn carb
60 - 70 30% Ss wht-lt gy fg s&p occ glauc,sm clay fild
70% Sh aa sm gy carb
70 - 80 30% Ss gy vfg s&p shly,sm aa
70% Sh gy slty carb,dk bn carb
80 - 90 20% Ss lt gy f-mg occ glauc,clay fild
80% Sh aa
90 - 4500 10% Ss aa
90% Sh bn slty,gy-bn,dk gy-bn carb
4500 - 10 100% Sh aa,tr Ss aa
10 - 20 Sh aa sm tn carb mudst
20 - 30 30% Ss lt gy-tn fg s ang sm clay fild ,occ bn vfg shly
70% Sh aa
30 - 40 20% Ss aa
80% Sh gy slty,gy-bn slty carb
40 - 50 10% Ss aa,90% Sh aa
50 - 60 20% Ss clr-wht f-mg s&p s ang clay fild
40% Sh aa
40% Coal
60 - 70 10% Ss lt gy-tn fg s ang sm clay fild,
80% Sh aa
10% Coal
70 - 80 10% Ss aa,sm lt gy,gy fg s&p sm shly
80% Sh aa
10% Coal
80 - 90 10% Ss aa,sm clay fild
20% Coal
70% Sh gy slty carb,dk gy-bn carb
90 - 4600 10% Ss gy vfg s&p shly
20% Coal
70% Sh aa sm bn carb
4600 - 10 10% Ss aa,sm bn vfg s&p shly
90% Sh bn-gy,dk bn slty lp carb
10 - 20 10% Ss gy-bn vfg s&p shly
90% Sh aa
20 - 30 20% Ss aa,sm lt gy s&p fg clay fild
10% Coal
70% Sh aa,sm dk gy-bn carb
30 - 40 tr Ss aa,tr Coal
Sh bn slty carb,dk bn carb
40 - 50 AA
50 - 60 tr Ss wht-lt gy fg s&p s ang clay fild
30% Coal
70% Sh aa
60 - 70 20% Ss lt gy-gy vfg s&p sl shly
20% Coal
60% Sh dk gy-bn carb
70 - 80 20% Ss gy vfg s&p shly
80% Sh aa,tr Coal
80 - 90 20% Ss aa,sm brn vfg s&p shly carb
80% Sh aa
90 - 4700 10% Ss lt gy-gy vfg s&p sm clay fild
90% Sh dk gy,gy-bn carb,tr Coal
4700 - 10 10% Ss wht-tn vfg,sm gy vfg s&p shly
90% Sh gy,dk gy-bn carb
10 - 20 20% Ss aa
80% Sh aa
20 - 30 tr Ss aa
90% Sh bn carb, 10% Coal

4730 - 40	tr Ss gy-bn vfg s&p shly
	Sh bn slty carb,dk gy-bn carb
40 - 50	100% Sh aa,sm gy slty
50 - 60	AA, tr Coal
60 - 70	AA
70 - 80	tr Ss lt tn vfg-slt shly
	Sh bn carb,dk gy-bn carb
80 - 90	tr Ss gy vfg shly
	Sh aa
90 - 4800	100% Sh gy-dk gy slty carb,gy-bn slty carb
4800 - 10	AA
10 - 20	AA
20 - 30	AA
30 - 40	AA
40 - 50	AA
50 - 60	100% Sh gy slty carb,dk bn carb,occ gy-bn slty carb
60 - 70	AA
70 - 80	AA
80 - 90	AA
90 - 4900	AA
4900 - 10	tr Ss dk bn vfg carb slty shly
	Sh gy-bn,dk bn slty carb
10 - 20	AA
20 - 30	AA
30 - 40	100% Sh bn,gy-bn,dk gy-bn carb slty ip
40 - 50	AA
50 - 60	AA
60 - 70	AA,sm dk bn lign
70 - 80	AA
80 - 90	AA
90 - 5000	AA
5000 - 10	100% Sh dk gy-bn carb slty ip
10 - 20	AA
20 - 30	AA
30 - 40	AA
40 - 50	AA
50 - 60	100% Sh dk bn slty carb
60 - 70	AA
70 - 80	AA
80 - 90	AA
90 - 5100	AA
5100 - 10	100% Sh dk bn slty carb,sm bn sl carb,occ dk gy-blk carb
10 - 20	AA
20 - 30	AA
30 - 40	AA
40 - 50	AA
50 - 60	100% Sh dk bn slty carb,occ bn carb
60 - 70	AA
70 - 80	AA
80 - 90	AA
90 - 5200	100% Sh aa,sm bn slty
5200 - 10	100% Sh bn slty carb,dk gy-bn carb,sm dk gy slty sl carb
10 - 20	AA
20 - 30	AA
30 - 40	AA
40 - 50	AA
50 - 60	N S
60 - 70	100% Sh bn-gy slty sl carb,dk bn slty v carb

5270 @ 80	100% Sh aa,sm gy slty
80 - 90	AA
90- 5300	AA
5300 - 10	AA
10 - 20	AA
20 - 30	100% Sh dk gy-bn carb slty lp
30 - 40	AA
40 - 50	AA
50 - 60	100% Sh dk gy-bn slty carb
60 - 70	100% Sh aa,occ gy slty
70 - 80	100% Sh gy,gy-bn slty carb,abdt dk gy-bn carb
80 - 90	AA
90 - 5400	AA (Poor Samples)
5400 - 10	AA
10 - 20	AA
20 - 30	AA
30 - 40	AA
40 - 50	AA
50 - 60	100% Sh bn-gy slty gy slty carb,dk bn slty carb
60 - 70	AA,sm dk gy-bn v carb
70 - 80	AA
80 - 90	AA
90 - 5500	trSs gy-bn slty-shly,Shk aa
5500 - 10	100% Sh dk gy slty carb,dk gy-bn carb
10 - 20	AA
20 - 30	AA (Poor Samples)
30 - 40	AA
40 - 50	tr Ss dk gy vfg shly,Sh aa
50 - 60	100% Sh gy slty carb,dk bn carb
60 - 70	AA
70 - 80	AA
80 - 90	AA
90 - 5600	AA
5600 - 10	100% Sh aa,sm dk bn carb
10 - 20	AA
20 - 30	tr Ss dk gy vfg shly,Sh aa
30 - 40	100% Sh dk gy-bn slty carb
40 - 50	AA (Poor Samples)
50 - 60	AA
60 - 70	tr Ss dk bn vfg shly,Sh aa
70 - 80	AA (Poor Samples)
80 - 90	AA
90 - 5700	AA
5700 - 10	100% Sh dk gy carb,gy-bn carb
10 - 20	30% Ss dk gy-bn vfg shly
	70% Sh aa
20 - 30	60% Ss aa,40% Sh aa
30 - 40	70% Ss aa,30% Sh aa
40 - 50	80% Ss aa,20% Sh aa
50 - 60	60% Ss dk gy-bn vfg v shly
	40% Sh aa
60 - 70	30% Ss aa,70% Sh aa
70 - 80	100% Sh dk gy-blk v slty calc,tr Ss aa
80 - 90	10% Ss aa
	90% Sh aa,sm gy-bn carb,sm blk v slty calc
90 - 5800	trSs aa,Sh aa
5800 - 10	100% Sh aa
10 - 20	AA
20 - 30	AA
30 - 40	AA

5840 - 50 100% Sh aa,sm gy-dk gy slty
50 - 60 100% Sh dk gy-blk slty
60 - 70 10% Ss dk gy vfg shly
90% Sh aa
70 - 80 AA
80 - 90 100% Sh aa,sm dk gy v slty,occ dk gy-bn slty carb
90 - 5900 AA
5900 - 10 Sh aa,tr Ss bn vfg shly carb
10 - 20 AA
20 - 30 AA(Poor Samples)
30 - 40 tr Ss dk bn vfg slty-shly
Sh dk gy-bn slty
40 - 50 10% Ss dk bn vfg slty-shly,occ gy vfg shly
90% Sh dk gy-bn slty
50 - 60 tr Ss aa,gy vfg shly
Sh aa
60 - 70 10% Ss dk bn vfg shly,occ bn vfg sl shly
90%% Sh dk gy-blk slty
70 - 80 AA
80 - 90 20% Ss bn,gy-bn vfg shly-slty
80% Sh dk gy-blk slty
90 - 6000 tr Ss aa,Sh aa
6000 - 10 30% Ss gy-bn vfg s ang shly ip
70% Sh blk slty
10 - 20 100% Sh blk slty-sdy
20 - 30 20% Ss gy-dk gy vfg s ang shly
80% Sh aa
30 - 40 tr Ss aa,Sh aa
40 - 50 40% Ss dk gy vfg s ang shly
60% Sh aa
50 - 60 100% Sh blk slty
60 - 70 10% Ss bn vfg s ang shly
90% Sh blk v slty,sm gy slty
70 - 80 AA (Poor Samples)
80 - 90 tr Ss dk bn vfg shly carb
Sh aa,sm dk gy-bn slty carb
90 - 6100 AA
6100 - 10 100% Sh blk v slty
10 - 20 tr Ss dk bn vfg v shly
Sh blk v slty,occ dk gy-blk slty
20 - 30 tr Ss dk bn vfg v slty-shly
Sh aa,v slty
30 - 40 20% Ss aa
80% Sh aa
40 - 50 20% Ss aa,sm dk bn s&p vfg shly
80% Sh dk gy-bn slty,blk slty
50 - 60 10% Ss dk gy-bn vfg slty-shly
90% Sh aa
60 - 70 10% Ss dk gy vfg shly
90%Sh aa
70 - 80 tr Ss aa,Sh aa
80 - 90 100% Sh dk gy-bn slty carb,blk slty
90 - 6200 AA
6200 - 10 AA
10 - 20 AA
20 - 30 AA
30 - 40 AA,occSh dk gy slty
40 - 50 tr Ss dk gy vfg shly calc
Sh aa
50 - 60 AA

6260 - 70 tr Ss gy fg s ang clay flld shly
Sh aa

70 - 80 tr Ss gy f-mg prly srtd s rdd shly
Sh aa

80 - 90 tr Ss lt bn vfg s ang tt
Sh aa

90 - 6300 N S

6300 - 10 30% Ss bn vfg s ang tt w/sm intrbdds
70% Sh dk gy-bn-blk slty

10 - 20 80% Ss bn-dk bn vfg s ang sl shly tt
20% Sh aa

20 - 30 90% Ss aa
10% Sh aa

30 - 40 90% Ss lt bn fg s ang clean,sm aa
10% Sh aa,dk gy-bn slty

40 - 50 90% Ss bn-dk bn fg s ang shly,occ aa
10% Sh aa

50 - 60 100% Sh dk gy-blk slty (Poor Sample)

60 - 70 tr Ss dk bn vfg shly
Sh aa (Poor Sample)

70 - 80 tr Ss clr mg s ang uncons
Sh aa (Poor Sample)

80 - 90 70% Ss gy-dk gy vfg shly
30% Sh aa

90 - 95 (T.D.) tr Ss aa,Sh aa

9–331
1973

Form Approved.
Budget Bureau No. 42–R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9–331–C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 3280 - Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1,700' FSL & 1,800' FEL (NW/SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NM - 03153

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
O.H. Randel

9. WELL NO.
2-E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10-T26N-R11W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
G.L. Elev. 6,364' KB 6,378'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other) Well History			X

RECEIVED
APR 21 1980
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(NOTE: Report results of multiple completion or zone change on Form 9–330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 7-7/8" hole to 6,395' & ran logs.

Ran 167 jts 4-1/2" O.D., 10.5# & 9.5#, K-55, R-2, SS, ST&C., new casing set @ 6,393' (K.B.) Cemented 1st stage w/330 sk 50-50 Pozmix w/2% Gel & 1/4# Flocele/sk followed by 165 sx of Class "B" w/10% Salt & 1/4# Flocele/sx. Cemented 2nd stage thru DV tool @ 4,527' using 360 sx of 65-35 Pozmix w/6% Gel & 10# Gilsonite/sk. followed by 665 sx of 50-50 Pozmix w/2% Gel & 12-1/2# Gilsonite/sx. Plug down @ 11:00 P.M. 4-17-80. Good returns throughout both stages.

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MAY 0 5 1980
OIL CON. COM.
SANTA FE

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Kenneth C. Gillespie TITLE Drilling Supt-RMD DATE April 18, 1980

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APR 30 1980

FARMINGTON DISTRICT

BY _____

NMOCC

*See Instructions on Reverse Side

9-331
1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 3280 - Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1,700' FSL & 1,800' FEL (NW/SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NM-03153

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
O.H. Randel

9. WELL NO.
2-E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10-T26N-R11W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
G.L. 6,364' KB 6,378'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☒
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other)			

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APR 10 1980
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well was spudded @ 7:30 P.M. 4-5-80.

Drilled 12-1/4" hole to 950'

Ran 22 jts - 8-5/8" O.D., 24#, K-55, 8Rth, R-3, SS, New casing set @ 944'. (K.B.) Cemented w/665 sx of Class B" cement w/2% $CaCl_2$ & 1/4# Celloflake/sx. Good cement returns. Plug down @ 1:15 P.M. 4-6-80.

Nippled up and pressure tested B.O.P.E. to 1000 psi - held o.

4-7-80: Drilling 7-7/8" hole @ 1,312'.

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APR 14 1980
OIL CON. COM.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ronnie C. Billegin TITLE Drlg Supt. DATE April 8, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

ACCEPTED FOR RECORD
APR 10 1980
FARMINGTON DISTRICT
BY

*See Instructions on Reverse Side

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-045-23985

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM-03153

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: O.H. Randel

2. NAME OF OPERATOR: Energy Reserves Group, Inc.

9. WELL NO.: 2-E

3. ADDRESS OF OPERATOR: Box 3280 Casper, Wyoming 82602

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: J
At proposed prod. zone: 1700' FSL & 1800 FEL NW/SE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 10, T26N-R11W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approx. 16½ miles south of Bloomfield, NM

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1800'

16. NO. OF ACRES IN LEASE: 1920

17. NO. OF ACRES ASSIGNED TO THIS WELL: S 320 ~~(160)~~

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 2000'

19. PROPOSED DEPTH: 6450

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6364 GR (Ungraded)

22. APPROX. DATE WORK WILL START*: Nov - Dec 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼"	8-5/8"	20#	700+	Cement to surface
7-7/8"	4½"	10.5 #	6450'	500 sx

Energy Reserves Group, Inc. proposes to drill the above referenced well with rotary tools from surface to T.D. Proposed zone of completion is the Dakota "A" Sand at 6400'.

Gas is dedicated to the El Paso Natural Gas Company

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NOV 19 1979
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

RECEIVED
DEC 04 1979
OIL CONSERVATION DIVISION
SANTA FE

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. 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.

24.

SIGNED [signature] TITLE Field Services Admin. DATE 11-13-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

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NOV 26 1979
OIL CON. COM.
DIST. 3

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-102
Revised 10-1-78

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

Operator	Lease	Well No.
ENERGY RESERVES GROUP, INC.	~~RANDALL~~ O. H. Randel	2-E

Unit Letter	Section	Township	Range	County
J	10	26N	11W	San Juan

Actual Footage Location of Well:
1700 feet from the South line and 1800 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
6364	Dakota	Basin Dakota	320 (160) Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

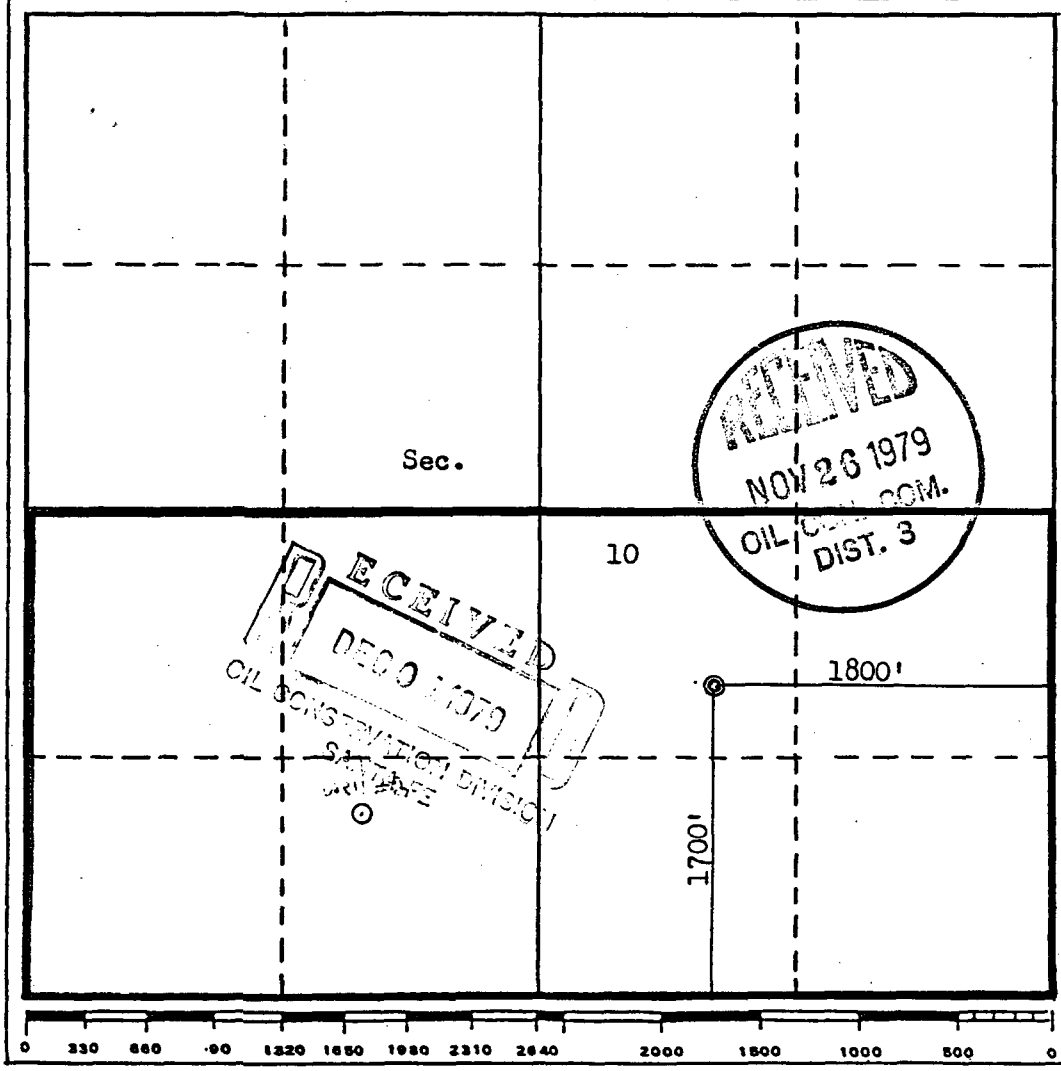
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 Commission.



CERTIFICATION

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

Name: [signature]

Position: Field Services Administ.

Company: Energy Reserves Group.

Date: November 13, 1979

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.

Date Surveyed: October 20, 1979

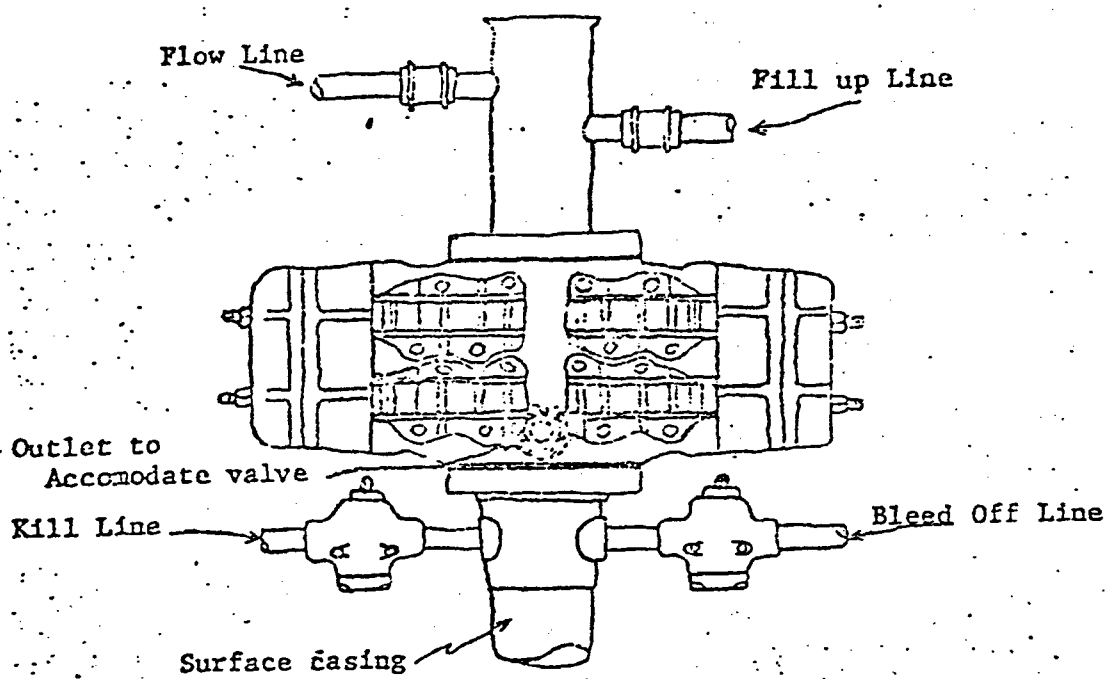
Registered Professional Engineer and/or Land Surveyor

[signature]

Fred B. Kerr Jr.

Certificate No. 3950

REGISTERED LAND SURVEYOR
FRED B. KERR, JR.



Blowout preventer is Shaffer double hydraulic equipped with drill pipe rams in the top and blind rams in the bottom.

Blowout preventer closing unit is Koomey 30 gallon accumulator unit.

When choke manifold is used, it will be installed downstream from bleed off valve.

Kill line or bleed off line may be installed at flanged opening in blowout preventer.

```
CMD :                                ONGARD                          04/28/00 09:26:53
OG6CLOG          C105-WELL COMPLETION OR RECOMP CASING LOG              OGOMES -TQB4

OGRID Identifier     : 167067 CROSS TIMBERS OPERATING COMPANY
Prop Identifier      :  22857 O H RANDEL
API Well Identifier : 30  45 23985                          Well No : 002E
Surface Locn -   UL : J   Sec : 10 Twp : 26N Range : 11W Lot Idn :
Multple comp (S/M/C): S    TVD Depth (Feet) :  6395   MVD Depth (Feet):
Spud Date            :              P/A Date :
Casing/Linear Record:
```

S	Size (inches)	Grade	Weight (lb/ft)	Depth(ft) Top-Liner	Depth(ft) Bot-Liner	Hole Size (inches)	Cement (Sacks)	TOC (feet)	TOC Code
	99.000		99.0	99999.0	99999.0	99.000	9999	99999	C

```
        E0009: Enter data to modify record
PF01 HELP     PF02          PF03 EXIT     PF04 GoTo     PF05          PF06 CONFIRM
PF07          PF08          PF09 COMMENT  PF10 TLOG     PF11          PF12
```