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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

OIL CONSERVATION DIVISION

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator: ~~J.E.M. Resources Inc.~~ Diamondback Pet. Inc.

Address: P.O. Box 2938 Ruidoso, N.M. 88345

Reason(s) for filing (Check proper box)
- [XX] New Well
- [ ] Recompletion
- [ ] Change in Ownership

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

Other (Please explain): Change in Operator from J.E.M. Resources Inc. to Diamondback Petroleum, Inc.

If change of ownership give name and address of previous owner: ~~No Change in ownership - still Diamondback Petroleum, Inc.~~ J.E.M. Resources Inc

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease (State, Federal or Fee)	Lease No.
Red Twelve State	2	Cave GB/SA	State	E-4200

Location: Unit Letter H : 1650 Feet From The North Line and 990 Feet From The East

Line of Section 4 Township 17S Range 29E , NMPM, Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [XX] or Condensate [ ]	Address (Give address to which approved copy of this form is to be sent)
Navajo Crude Oil Purchasing Co.	N. Freeman, Artesia, N.M. 88210
Name of Authorized Transporter of Casinghead Gas [XX] or Dry Gas [ ]	Address (Give address to which approved copy of this form is to be sent)
Conoco	P.O. Box 2197 Houston TX 77001

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	H	4	17S	29E	Yes	10/15/84

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

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

VI. CERTIFICATE OF COMPLIANCE

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

Jackie Payne
(Signature)
[redacted] Secretary-Treasurer
(Title)
[redacted] 3-15-84
(Date)

OIL CONSERVATION DIVISION

APPROVED MAR 18 1985, 19

BY Les A. Clements

TITLE SUPERVISOR, DISTRICT II

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.

IV. COMPLETION DATA

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

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
8-26-84	9-22-84	3565	3545
Elevations (DF, RKB, RT, GR, etc.)	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
3598 GR	San Andres	3001	3395
Perforations			**Depth Casing Shoe**
3001-3351 32 0.32 cal. shots			3365

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12½	8 5/8	377	250 sxs
7 7/8	5½	3565	1000 sxs
	2 5/8	3395	

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

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
10-18-84	11-28-84	Pump	
Length of Test	**Tubing Pressure**	**Casing Pressure**	**Choke Size**
24 hrs	0	15#	7/8
Actual Prod. During Test	**Oil - Bbls.**	**Water - Bbls.**	**Gas - MCF**
	45	250	230

5111/1 GOR

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**