

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address San Juan Resources of Colorado c/o Walsh Engineering, 7415 E. Main St., Farmington, NM 87402		² OGRID Number 20208
³ Property Code 31702	⁴ Property Name Techumseh	⁵ Well No. #1E
⁹ Proposed Pool 1 Blanco Mesa Verde		¹⁰ Proposed Pool 2 Basin Dakota

7 Surface Location

UL or lot no. L	Section 2818	Township 30N	Range 11W	Lot Idn	Feet from the 1470	North/South line South	Feet from the 1095	East/West line West	County San Juan
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8 Proposed Bottom Hole Location If Different From Surface

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

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 5538'
¹⁶ Multiple Y	¹⁷ Proposed Depth 6650	¹⁸ Formation Dakota	¹⁹ Contractor	²⁰ Spud Date 3/1/05
Depth to Groundwater 10'		Distance from nearest fresh water well > 1000'		Distance from nearest surface water 300'
Pit: Liner: Synthetic ☒ 12__mils thick Clay ☐ Pit Volume: 7130 bbls Drilling Method: Closed-Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☒				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36#	200"	110 sx	Surface
8-3/4"	7"	20#	3815"	495 sx + 100sx	Surface
6-1/4"	4-1/2"	11.6#	6650'	295 sx	3615'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

San Juan Resources of Colorado, Inc., proposes to drill a vertical well with a 12-1/4" surface hole to approximately 200' with spud mud and set and cement to surface 9-5/8", 36# casing with 110 sx (130 cu.ft.) of Cl "B" with 3% CaCl2 and 1/4 #/sk CF. A double ram, 2000 psi rated BOP will be installed and pressure tested to 1000 psi. A 8-3/4" hole will be drilled using a fresh water - polymer mud system to approx. 3815'. 7", 20#, casing will be set and cemented to surface with 495 sx (1001 cu.ft.) of Cl "B" 65/35 poz with 6% gel, 2% CaCl2 and 1/4 #/sk CF and 100 sx (146 cu.ft.) Cl "B" 50/50 poz with 0.15% dispersant, 1% CaCl2, and 1/4 #/sk CF. A 6-1/4" hole will be drilled With air to 6711'. 4-1/2", 11.6# casing will be set and cemented 200' above the 7" shoe with 295 sx (630 cu.ft.) of Cl "B" 50/50 poz with 2% gel and additives. Open hole DIL and FDC/CNL/GR logs will be run. Surveys will be run every 500' in the mud drilled hole.

The S/2 of Section 18 (326.50 acres) is dedicated to this well.

Formation Tops: FT - 1441'; PC - 1881', CH - 3451', PL - 4216', DK - 6381'.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCDC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: PAUL C. THOMPSON

Title: AGENT

E-mail Address: PAULC.WALSHENG.NET

Date: 12/22/04

Phone: 505.327-4892

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

[Signature]

DEPUTY OIL & GAS INSPECTOR, DIST. 30

DEC 27 2004

Expiration Date:

DEC 27 2005

No below grade pits

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

District II
PO Drawer 00, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-32765		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 31902	*Property Name TECUMSEH		*Well Number 1E
*GRID No. 20208	*Operator Name SAN JUAN RESOURCES OF COLORADO INC.		*Elevation 5538

¹⁰ Surface Location

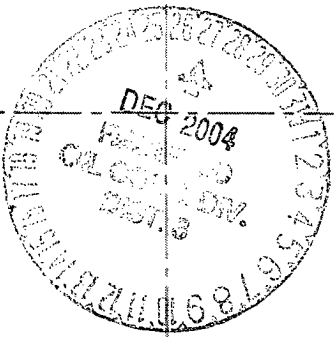
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	18	30N	11W		1470	SOUTH	1095	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

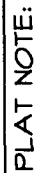
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 326.5 Acres - S/2	*Joint or Infill Y	*Consolidation Code	*Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 1349.04' LOT 1 1260.60' 2649.90' LOT 2 5266.80' LOT 3 1095' LOT 4 1470' 1384.02' 1275.12' 2620.86' 2676.30' 2638.68'	18 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Paul C. Thompson</i> Signature PAUL C. THOMPSON Printed Name AGENT Title 12/22/04 Date ¹⁸ SURVEYOR CERTIFICATION 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 belief. Survey Date: OCTOBER 8, 2003 Signature and Seal of Professional Surveyor  JASON C. EDWARDS Certificate Number 15269
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LATITUDE: 36.80904°
LONGITUDE: 108.03652°



SURFACE OWNER
Fee Ownership
(Paul A. Borden)

A-A'			No below grade pits	
5548'				
5538'				
5528'				
B-B'				
5548'				
5538'				
5528'				
C-C'				
5548'				
5538'				
5528'				

San Juan Resources of Colorado, Inc.
Tecumseh #1E
1470' FSL, 1095' FWL
Section 18, T30N, R11W, N.M.P.M.
San Juan County, New Mexico
Ground Level Elevation: 5538'

