GW - 153

GENERAL CORRESPONDENCE

YEAR(S):

2004 - 1993

Enterprise Products Operating, LP
614 Reilly Avenue
Farmington, NM 87401

Mr. Roger Anderson
New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, NM 87505

RE: Change of Ownership

Dear Roger:

This is to notify you of the change of ownership for the El Paso Field Services Co. facilities in the San Juan Basin area, in and near Farmington, NM. A list of the effected facilities, along with the Discharge Permit numbers, is attached. These plants and compressor stations are now owned by GulfTerra Energy Partners. L.P. ("GulfTerra"). GulfTerra is no longer affiliated with El Paso Corp.. It is now a subsidiary of Enterprise Products Partners, L.P. ("Enterprise"). All the GulfTerra facilities are operated by Enterprise Products Operating, L.P.

All local contact information as listed in the Discharge Plans is still current. However, Mr. E. Randal West is no longer the Responsible Party for the facilities. The new Legally Responsible Party for all the GulfTerra/Enterprise locations is:

Mr. Terry Hurlburt
Vice President
Enterprise Products Operating, L.P.
2727 North Loop West
Houston, TX 77008.

If you need any additional information regarding the change of ownership, please call me at (505) 599-2256.

Sincerely yours,

David Bays

David Bays, REM
Principal Environmental Scientist

Cc: Mr. Denny Foust – NMOCD – Aztec, NM

New Mexico Discharge Permit Numbers

Permit Number	Facility Name
GW-189	Angel Peak Plant
GW-212	Ballard Plant
GW-049	Blanco Plant
GW-71	Chaco Plant
GW-186	Kutz Plant
GW-049-1	Kutz Separator
GW-188-1	Hart Canyon #1 Station
GW0188-2	Hart Canyon #2 Station
GW-188-3	Hart Canyon #3 Station
GW-211	Largo Plant
GW-209	Lindrith Plant
GW-301	Manzanares Station
GW-298	Martinez Canyon Station
GW-303	Navajo City Station
GW-302	Potter Canyon Station
Gw-317	Rattlesnake Plant
GW-304	Turley Station
GW-153	2B-3A Station
GW-154	2B-3B Station
GW-188	3B-1 Station

(GW-298) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Martinez Canyon Compressor Station located in the SE/4 SE/4 of Section 16, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 20 gallons per day of wastewater with a dissolved solids concentration of 10,000 mg/l is collected in the wash rack and a double-walled, closed steel tank sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth greater than 200 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-301) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Manzanares Compressor Station (Trunk A-R) located in the SW/4 NW/4 of Section 16, and N/E N/E of Section 17 Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 75 Barrels per month of produced water with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l is collected in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a double-walled, underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 300 mg/l to 3,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-154) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Angel Peak 2B3B Compressor Station located in the NE/4 NW/4 of Section 8, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a dissolved solids concentration of 3,500 mg/l is stored in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth greater than 150 feet, with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-153) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Angel Peak 2B3A Compressor Station located in the SW/4 NW/4 of Section 20, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a dissolved solids concentration of 3,500 mg/l is stored in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of 55 feet, with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-352) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit application for the Williams Field Services Cabresto Compressor Station located in the NE/4 NE/4 of Section 19, Township 30 North, Range 4 West, NMPM, Rio Arriba County, New Mexico. Approximately 2000 to 9000 barrels per year of produced water is stored in an above ground storage tank prior to transport to an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of 100 to 400 feet with estimated total dissolved solids concentration of approximately 2,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site http://www.emnrd.state.nm.us/ocd/. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall

AFFIDAVIT OF PUBLICATION

Ad No. 48471

STATE OF NEW MEXICO
County of San Juan:

CONNIE PRUITT, being duly sworn says: That she is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meeting of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s): Wednesday, September 3, 2003.

And the cost of the publication is $213.56.

Connie Pruitt

ON 9-5-03 CONNIE PRUITT appeared before me, whom I know personally to be the person who signed the above document.

Jenny Beck

My Commission Expires April 2, 2004.

COPY OF PUBLICATION

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge permit applications have been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-304) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Turley Compressor Station (Trunk O) located in the SW/4 NW/4 of Section 30, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 250 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-147) – El Paso Natural Gas Company, Richard Duarte, (505) 831-7763, 3801 Atrisco Blvd. N.W., Albuquerque, New Mexico 87120, has submitted its discharge permit renewal application for its Deming Compressor Station located in the SE/4 SE/4 of Section 32, Township 23 South, Range 11 West, NMPM, Luna County, New Mexico. Approximately 43,200 gallons per day of cooling tower blowdown water with a total dissolved solids concentration of approximately 77,000 mg/l is stored in above-ground, lined evaporation ponds equipped with leak detection. Groundwater most likely to be affected in the event of an accidental discharge is at an estimated depth of approximately 30 feet with a total dissolved solids concentration of approximately 5,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-309) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Navajo City Compressor Station (Trunk L) located in the SW/4 NW/4 of Section 33, Township 30 North, Range 7 West, NMPM, San Juan County, New Mexico. Approximately 250 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-302) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Potter Canyon Compressor Station (Trunk H/H) located in the NW/4 NE/4 of Section 19, Township 30 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 500 barrels per month of produced water, with a dissolved solids concentration of 10,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 250 feet with a total dissolved solids concentration of approximately 2,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge permit applications have been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-304) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Turley Compressor Station (Trunk O) located in the SW/4 NW/4 of Section 30, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 250 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-147) – El Paso Natural Gas Company, Richard Duarte, (505) 831-7763, 3801 Atrisco Blvd. N.W., Albuquerque, New Mexico 87120, has submitted its discharge permit renewal application for its Deming Compressor Station located in the SE/4 SE/4 of Section 32, Township 23 South, Range 11 West, NMPM, Luna County, New Mexico. Approximately 43,200 gallons per day of cooling tower blowdown water with a total dissolved solids concentration of approximately 77,000 mg/l is stored in above-ground, lined evaporation ponds equipped with leak detection. Groundwater most likely to be affected in the event of an accidental discharge is at an estimated depth of approximately 30 feet with a total dissolved solids concentration of approximately 5,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-297) – Chaparral Services, Inc., P.O. Box 1769, Eunice, NM 88231, has submitted a discharge permit renewal application for its facility located in the SW/4 NW/4 of Section 20, Township 25 South, Range 37 East and the SE/4 N/E4 of Section 19, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico. Approximately 50 gallons per month of waste oil and solvents are collected in fiberglass storage tanks, then transported offsite for disposal. Groundwater most likely to be affected in the event of an accidental discharge is at an estimated depth of approximately 40 feet with a total dissolved solids concentration ranging from 700 to 1,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-303) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Navajo City Compressor Station (Trunk L) located in the SW/4 NW/4 of Section 33, Township 30 North, Range 7 West, NMPM, San Juan County, New Mexico. Approximately 250 barrels per month of produced water, with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-302) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Potter Canyon Compressor Station (Trunk H/H) located in the NW/4 NE/4 of Section 19, Township 30 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 500 barrels per month of produced water, with a dissolved solids concentration of 10,000 mg/l, is collected in closed steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a closed, double-walled underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 250 feet with a total dissolved solids concentration of approximately 2,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-298) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Martinez Canyon Compressor Station located in the SE/4 SE/4 of Section 16, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 20 gallons per day of wastewater with a dissolved solids concentration of 10,000 mg/l is collected in the wash rack and a double-walled, closed steel tank sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth greater than 200 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-301) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Manzanares Compressor Station (Trunk A-R) located in the SW/4 NW/4 of Section 16, and N/E N/E of Section 17 Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 75 Barrels per month of produced water with a dissolved solids concentration ranging from 8,000 to 76,000 mg/l is collected in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown is collected in a double-walled, underground sump prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 300 mg/l to 3,000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-154) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Angel Peak 2B3B Compressor Station located in the NE/4 NW/4 of Section 8, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a dissolved solids concentration of 3,500 mg/l is stored in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth greater than 150 feet, with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-153) – El Paso Natural Gas Company, David Bays, (505) 599-2256, 614 Reilly Avenue, Farmington, New Mexico 87401-2634, has submitted its discharge permit renewal application for its Angel Peak 2B3A Compressor Station located in the SW/4 NW/4 of Section 20, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a dissolved solids concentration of 3,500 mg/l is stored in closed, steel tanks prior to transport to an off-site, OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of 55 feet, with a total dissolved solids concentration of approximately 500 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh

(GW-352) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit application for the Williams Field Services Cabresto Compressor Station located in the NE/4 NE/4 of Section 19, Township 30 North, Range 4 West, NMPM, Rio Arriba County, New Mexico. Approximately 2000 to 9000 barrels per year of produced water is stored in an above ground storage tank prior to transport to an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of 100 to 400 feet with estimated total dissolved solids concentration of approximately 2,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(BW-025) Paul Prather, P.O. Box 7169, Eunice, New Mexico 88231, has submitted a discharge plan renewal application for the CSI Brine Sales Station located in the NE/4 NE/4 of Section 20, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico. Fresh water from the City of Jal is injected into the Salado Formation at an approximate depth of 1,150 feet and brine water is extracted with an average total dissolved solids concentration of 350,000 mg/l. The brine water is stored in four 1,000 barrel above ground closed top tanks. The plan includes a chemical storage dock and a below grade concrete pit for temporary storage of exempt oilfield waste. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 40 feet with a total dissolved solids concentration of approximately 875 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(BW-018) Key Energy Services, Inc., Bob Patterson, (505) 394-2581, P.O. Box 340, Hobbs, New Mexico, 88240, has submitted a discharge application for its previously approved dis-

charge plan for the Trucker's #2 Brine Station located in the NE/4 SW/4 of Section 33, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Fresh water is injected into the Salado Formation at an approximate depth of 2,000 feet and brine is extracted with an average total dissolved solids concentration of 390,000 mg/l. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 60 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site http://www.emnrd.state.nm.us/ocd/. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of August 2003.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION

S E A L

LORI WROTENBERY,
Director
Legal #73956
Pub. September 3, 2003

THE SANTA FE
NEW MEXICAN
Founded 1849

RECEIVED
SEP 0 8 2003
OIL CONSERVATION DIVISION

Ed Martin
NM OIL CONSERVATION DIV.
1220 ST. FRANCIS DR
~~ATT MARY ANAYA~~
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689
AD NUMBER: 00025904 ACCOUNT: 00002212
LEGAL NO: 73956 P.O. #: 04-199-050340
680 LINES 1 TIME(S) 465.52
AFFIDAVIT: 5.25
TAX: 31.48
TOTAL: 502.25

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, K. Voorhees, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 73956 a copy of which is hereto attached was published in said newspaper 1 day(s) between 09/03/2003 and 09/03/2003 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 3rd day of September, 2003 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ K. Voorhees
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 3rd day of September, 2003

Notary Laura E Harding

Commission Expires: 11/23/03

el paso Field Services

RECEIVED
AUG 27 2003
Environmental Bureau
Oil Conservation Division

August 21, 2003

Mr. Ed Martin
New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, NM 87505

Dear Ed:

Please find enclosed applications to renew the Discharge Plans for the following El Paso Field Services Company Facilities:

Angel Peak 2B3A Station, GW-153
Angel Peak 2B3B Station, GW154
Manzanares Station, GW-301
Martinez Station, GW-298
Navajo City Station, GW-302
Potter Canyon Station, GW-303
Turley Station, GW-304

Any necessary changes to contact names and telephone numbers have been made in the attached plans. None of the facilities have had any physical modification of any sort since the submittal of the existing Discharge Plans. I have requested that Accounts Payable in Houston prepare checks to cover the necessary fees for each facility. Those check will be sent directly from Houston.

For whatever additional information you may need, please call me at (505) 599-2256.

Sincerely yours,

David Bays

David Bays, REM
Principal Environmental Scientist

Cc: Mr. Denny Foust – NMOCD – Aztec, NM

El Paso Field Services
614 Reilly Ave. Farmington, NM 87401

EL PASO ENERGY

DEC - 4 1998

December 2, 1998

Mr. Roger Anderson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

RE: Angel Peak 2B-3A Compressor Station, Discharge Plan Number GW-153

Dear Roger:

Please find enclosed the signed Discharge Plan Approval Conditions for the Angel Peak 2B-3A compressor station. Also enclosed is El Paso Natural Gas Co. check number 07417009 in the amount of $345.00 in payment of the flat fee for 2B-3A.

Sincerely yours,

David Bays

David Bays, REM
Principal Environmental Scientist

cc: 2B-3A Regulatory File

El Paso Energy Corporation 614 Reilly Avenue Farmington, New Mexico 87401 Phone (505) 325-2841 Fax (505) 599-2119

EL PASO NATURAL GAS COMPANY
P.O. Box 1492
El Paso, TX 79978

PAYABLE AT
CITIBANK DELAWARE
A Subsidiary of Citicorp
One Penn's Way
New Castle, DE 19720

DATE 11/25/98 [redacted]
ID AFTER 1 YEAR
62-20/311

PAY AMOUNT
$345.00***

PAY: ****THREE HUNDRED FORTY-FIVE AND XX / 100 US DOLLAR****

TO THE ORDER OF NEW MEXICO ENVIRONMENT DEPT

Water Quality Management
Oil Conservation Division
2040 S Pacheco
Santa Fe, NM 87505

H. Brent Austin
Authorized Signature

COPYBAN® ANTI-FRAUD PROTECTION - PATENTS 4,21 [redacted]

Detach and retain for your records

Check Date: 11/25/98

EL PASO NATURAL GAS COMPANY

Refer Pmt Inquires to (915) 496-5354

Check No. [redacted]

Invoice Number	Invoice Date	Voucher ID	Gross Amount	Discount Available	Paid Amount
CKREQ981117	11/17/98	00051190	345.00	0.00	345.00

Vendor Number	Vendor Name			Total Discounts	
8000000573	New Mexico Environment Dept			$0.00	
Check Number	**Date**		**Total Amount**	**Discounts Taken**	**Total Paid Amount**
[redacted]	11/25/98		$ 345.00	$ 0.00	$345.00

FM SS0044 (REV. 10

EL PASO ENERGY

August 28, 1998

Mr. Roger Anderson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Dear Roger:

On August 4, 1998 El Paso Field Services Co. received your notice that the Angel Peak 2B-3A Discharge Plan (GW-153) is due for renewal prior to December 13, 1998.

Enclosed you find a completed New Mexico Discharge Plan Application Form and the revised Discharge Plan.

There have been no modifications to the station equipment or design since approval of the original plan in 1993. Changes to addresses, contacts, telephone numbers, and waste disposal service companies are marked in bold print in the attached plan.

If you need any additional information, please call me at (505) 599-2256.

Sincerely yours,

David Bays

David Bays, REM
Principal Environmental Scientist

cc: Denny Foust - NMOCD - Aztec, NM
S. D. Miller/Angel Peak Regulatory File

El Paso Energy Corporation 614 Reilly Avenue Farmington, New Mexico 87401 Phone (505) 325-2841 Fax (505) 599-2119

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Departments
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Revised 12/1/95

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS, REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS

(Refer to OCD Guidelines for assistance in completing the application)

❑ New ☒ Renewed ❑ Modification

1. Type: Angel Peak Compressor Station, Site 2B-3A
2. Operator: El Paso Field Services Co.

   Address: 614 Reilly Ave. Farmington, NM 87401

   Contact Person: David Bays Phone (505) 599-2256
3. Location: SW/4 NW/4 Section 20 Township 27 North Range 10 West
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating locaiton of fences, pits, dikes and tanks on the facility. **Submitted with original Discharge Plan application - no modifications**
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste soilds. Average daily quality and daily volume of waste water must be included.
8. Attach a description of current liquid waste and solid waste collection/treatment/disposal systems.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological inforamtion for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other rules, regulations, and/or orders.
14. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: David Bays Title: Principal Environmental Scientist

Signature: David Bays Date: August 28, 1998

EL PASO FIELD SERVICES COMPANY
ANGEL PEAK COMPRESSOR STATION, SITE 2B-3A
DISCHARGE PLAN GW-153 RENEWAL

Prepared for:

New Mexico Oil Conservation Division
July, 1998

El Paso Field Services Company
614 Reilly Avenue
Farmington, NM 87401

ANGEL PEAK COMPRESSOR STATION, SITE 2B-3A
DISCHARGE PLAN NUMBER GW-153

This Discharge Plan renewal has been prepared in accordance with Oil Conservation Division Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants.

1. Type of Operation

El Paso Field Services Company (EPFS) owns and operates a 1085 Horsepower (site rated at 998 Horsepower) Caterpillar G3516 reciprocating engine and compressor. The unit compresses approximately 7 MMSCFD of natural gas from a low pressure field line (2B-3, 250 psig) to a high pressure line (6D-7, 500 psig). The site is located approximately 19 miles south of Bloomfield, New Mexico.

El Paso Field Services Company is the owner and operator of the compressor facility. The dehydrator located at the facility is operated by Burlington Resources, Inc. ("Burlington").

Major Operational Components:

- a 1085 HP compressor
- one outlet triethylene glycol (TEG) dehydrator with regenerator heater and 200 gallon makeup TEG tank.
- one 210 barrel oil storage tank (associated with dehydrator)
- one two phase inlet separator
- one suction scrubber
- one interstage scrubber
- one fuel gas filter
- one 500 gallon lubricating oil makeup tank
- one fin fan cooler
- one 300 gallon waste oil fiberglass reinforced plastic tank
- one 62 barrel fiberglass reinforced plastic dehydrator blowdown tank

2. Operator, Legally Responsible Party and Local Representative

Legally Responsible Party:

Mr. Robert Cavnar
El Paso Field Services Company
1001 Louisiana
P. O. Box 2511
Houston, TX 77252
(713) 420-4288

Environmental Manager:	**Ms. Sandra Miller** **El Paso Field Services Company** **614 Reilly Avenue** **Farmington, NM 87401** **(505) 599-2141**
Operations Manager:	**Mr. Bennie Armenta** **El Paso Field Services Company** **614 Reilly Avenue** **Farmington, NM 87401** **(505) 599-2232**
Dehydrator Operator:	Burlington Resources, Inc. 3535 E. 30th Street Farmington, NM 87401 (505) 326-8411

3. Location of Facility

The facility is approximately 6 miles south and 7 miles east from Bloomfield, NM, in the SW/4 of the NW/4 (Block E), Section 20, Township 27 North, Range 10 West, San Juan County, New Mexico.

4. Landowner

Bureau of Land Management
1235 La Plata Highway
Farmington, NM 87401

5. Facility Description

The facility is a natural gas field compressor. No modifications to the plant equipment or design have been made since the submittal of the original Discharge Plan in 1993.

6. Materials Stored and Used at the Facility

Mobile Pegasus 490 lubricating oil - engine and compressor lubricant
Triethylene glycol - natural gas dehydration
Ambitrol Thermofluid - ethylene glycol based engine coolant/antifreeze

7. Sources, Quantities, and Quality of Effluent and Solid Waste

Inlet Separator

A two phase inlet separator separates the gas and liquids. A mixture of hydrocarbons and water discharges to the inlet of the separator/treater. Approximately 70 to 100 gallons per month will be discharged into the Separator/Treater. The Separator/Treater is part of the outlet dehydrator system. The exact volume of liquids varies depending the quality of the gas.

Compressor

A 1085 HP (site rated 998 HP)compressor is installed on the site. The compressor is mounted on a steel skid consisting of a built-in compressor pad with a non-permeable tray around the compressor unit to contain spills. The skid will insure containment of drips, spills, and washdown from the unit.

The compressor is installed in such a manner to ensure containment of drips, spills, and washdown water. Any spill of washdown water from cleaning operations will be contained and discharged into a 300 gallon fiberglass reinforced plastic ("fiberglass") tank. The tank is placed in an open pit. The tank rests on a gravel pad at least one inch thick so that the entire tank is exposed to visually detect leaks. The tank is covered with a fiberglass lid.

Washdown Water

The compressor is washed every mouth with 30 gallons to 50 gallons of water. The washdown water is discharged into the 300 gallon fiberglass reinforced plastic tank mentioned above through the skid drain line. A nontoxic, biodegradable cleaner is used to clean the compressor unit.

Engine Lubricating Oil, Used Oil and Used Engine Oil Filters

A 500 gallon elevated lubricating makeup oil tank is located south of the compressor. The tank is bermed to contain one and one third times the volume of tank.

Approximately 115 gallons per month of waste lube oil is generated. This oil is drained into the 300 gallon fiberglass skid drain tank. Waste oil generated by the compressor is hauled from the site and is recycled.

One compressor oil filter is replaced every month. Three engine oil fibers are replaced every month. The engine oil filters are allowed to completely drain prior to disposal at Crouch Mesa Landfill.

Compressor Waste Oil

Approximately 75 gallons per month of waste oil is generated through continuous blowdown from the compressor packing vent drain. The packing vent drain discharges into the 300 gallon fiberglass skid drain tank.

Fuel Gas Scrubber

The fuel is supplied from the compressor discharge line. A fuel gas filter (Y strainer with a valve) is installed at the inlet of the fuel gas line. The volume of liquid from the fuel gas filter is very small. Approximately 1 to 5 gallons per month of a mixture of hydrocarbons and water will discharge into the 300 gallon fiberglass skid drain tank. The volume of liquids will vary depending the quality of the gas.

The fuel gas filter is replaced as needed depending on the quality of the gas. The fuel gas filter is drained of any free of any liquids prior to disposal at Crouch Mesa landfill.

Engine Cooling Water

A 35 gallon cooling water surge tank is located on the skid mounted compressor package. A mixture of propylene glycol and water is used as cooling water. If it is necessary to drain the cooling water system for maintenance or repairs, the cooling water is drained into steel drums or a small portable tank. After maintenance repairs the cooling water is placed back into the cooling system.

Suction and Interstage Scrubber

A suction scrubber and an interstage scrubber are mounted on the compressor skid. Both scrubbers remove natural gas liquids. Approximately 10 to 30 gallons of waste water per month is generated by the scrubbers. This waste water is discharge to the inlet of the three phase separator/treater (the separator/treater is part of the dehydrator system). The volume of liquids will vary depending the quality of the gas.

Outlet Dehydrator

The dehydration portion of the facility is operated by Burlington. The dehydrator is skid mounted and located to west of the compressor. The dehydrator consists of a filter separator, separator/treater, absorber, and regenerator. The dehydrator area is bermed. There are four 2 inch drain lines and one oil dump line from the dehydrator system.

The four drain lines discharge into a 62 barrel fiberglass tank. The tank is placed in an open pit on a 6 inch high steel support frame so that the entire tank is elevated to allow visual leak detection. The tank is covered with a lid.

A 200 gallon elevated triethylene glycol makeup tank is located west of the dehydrator. The tank is bermed to contain one and one third times the volume of tank.

The four drain lines are described below:

Regenerator - Triethylene Glycol (TEG) Overflow Line - This line contains small quantities of TEG and water. Under normal operating conditions, there should be no discharge from this line. On occasion, due to mechanical problems, there may be a small amount of TEG and water discharged from this line into the 62 barrel fiberglass tank.

Regenerator - Steam Vent Line from Still Column - This line contains water, trace quantities of TEG and trace quantities of hydrocarbons. Less than one barrel per day will be discharged from this line into the 62 barrel fiberglass tank.

Separator/Treater - Produced Water - This line contains produced water, trace amounts of hydrocarbons and trace amounts of TEG. Approximately 2 barrels per day discharge into the 62 barrel fiberglass tank.

Separator/Treater - Backpressure Regulator Vent Line - This line contains produced water, trace amounts of hydrocarbons and trace amounts of TEG. It is estimated that approximately 2 barrels per day will discharge into the 62 barrel fiberglass tank.

A total of approximately 1 to 2 barrels per day discharge into a 210 barrel above ground oil storage tank from the Separator/Treater oil dump line. The 210 barrel tank ins located within an earthen berm sized to contain one and one third times the volume of the tank.

8. Collection, Treatment, and Disposal Systems

A. Summary Information

Source	Onsite Collection Point
Inlet Separator:	Separator/Treater
Compressor:	
Washdown Water	300 gallon fiberglass tank
Lubricating Oil Makeup	500 gallon aboveground storage tank
Waste Lube Oil	300 gallon fiberglass tank
Engine Oil Filters	55 gallon drum
Packing Vent Waste Oil	300 gallon fiberglass tank
Engine Cooling Water	Drums/Portable Tank
Suction and	
Interstage Scrubber	Separator/Treater
Fuel Gas Filter Strainer	300 gallon fiberglass tank
Fuel Gas Filter Element	Drum
Outlet Dehydrator:	
Separator/Treater(Water)	62 BBL fiberglass tank
Separator/Treater(Oil)	210 BBL above ground steel tank
Regenerator	62 BBL fiberglass tank
TEG Makeup Tank	200 gallon overhead tank

B. Specifications

Pipelines - All wastewater piping to the 300 gallon fiberglass and 62 barrel fiberglass are above ground and not pressurized. The suction scrubber and interstage scrubber discharge piping are below ground and pressurized to a maximum of 250 psig.

The piping from the inlet separator to the separator/treater is above ground. The normal operating pressure is 50 psig.

A portion of the wastewater piping from the outlet dehydrator separator/treater is below ground and a portion is aboveground. The drain lines to the 62 barrel fiberglass tank are above ground and are not pressurized. The oil dump line from the Separator/Treater is below ground and normal operating pressure is 30 psig.

C. Fluids Disposal and Storage Tanks

The hydrocarbons from the 300 gallon fiberglass, 62 barrel fiberglass, and 210 barrel above ground steel storage tank will be recycled. The water fraction from the three tanks will be transported to the EPFS Kutz Hydrocarbon Recovery Facility for treatment and disposal. Additional information is provided in the Effluent Disposal Section below.

D. Prevention of Unintentional and Inadvertent Discharges

All storage tanks for fluids other than fresh water are bermed to contain a volume one and one third more that the tank contents. All above ground tanks are placed on a gravel pad or placed on an elevated stand so that leaks can be visually detected.

There will be no chemical or drum storage area. Drums utilized to contain engine cooling water, or waste oil will be removed from the site at the end of each working day.

E. Underground Pipelines

All underground wastewater piping will be hydrostatically tested at a minimum of three pounds over operating pressure for a minimum of four hours.

Offsite Disposal:

All liquids from this site are handled in accordance with NMOCD and NMED regulations. Liquids from this site are expected to be discharged into two fiberglass tanks and one steel tank. All liquids will be removed from the site by either EPFS or Burlington. All liquids will be recycled if possible.

Hauling Agent **Dawn Trucking**
16 County Road 5860
Farmington, NM 87401

Oily waste water is transported to the EPFS Kutz Hydrocarbon Recovery Facility located on County Road 4900, east of U. S. Highway 544. Produced water is transported to the Basin Disposal salt water injection well located at 6 County Road 5046 in Bloomfield.

Burlington is responsible for liquids disposal from the 62 barrel fiberglass tank and 210 barrel oil storage tank.

Oil Hauling Agent:	**Giant Oil Transportation Inc.** **4551 Heffera Road** **Bloomfield, NM 87413**		
Oil Final Disposal:	**Giant Refinery** **89 Road 4990** **Bloomfield, NM 87413**		
Water Hauling Agent:	Three Rivers Trucking 603 E. Murray Drive Farmington, NM 87402	or	Dawn Trucking 318 E. Highway 64 Farmington, NM 87402
Water Final Disposal:	McGrath salt Water Disposal Well Block B, Sec. 34, T34N, R12W		

9. Proposed Modifcations

There are no modifications planned to any facility collection, treatment, or disposal systems.

10. Inspection, Maintenance and Reporting

The site is visited on a daily basis by EPFS employees. Each day the compressor and the 300 gallon fiberglass tank will be inspected for any leaks.

The dehydrator site is visited regularly by Burlington employees. Burlington will inspect the inlet separator, filter separator, separator/treater, absorber, and regenerator, 62 barrel fiberglass tank, and 210 barrel steel tank for any leaks or spills.

11. Spill/Leak Prevention and Reporting (Contingency Plans)

The compressor site is graded and bermed so that precipitation and runoff does not cause water to enter or leave the process areas.

The dehydrator process area are bermed so that precipitation and runoff does not cause water to leave the process area. The compressor area is equipped with a skid so that any leaks or spills are contained. In addition, the 500 gallon lube oil storage tank, 210 barrel oil storage tank, and the 200 gallon TEG make-up tank are bermed.

The 300 gallon fiberglass tank and 62 Barrel fiberglass tank are set according to OCD guidelines so that the entire tank is exposed to visually detect leaks.

Since the site is visited on a regular basis, any leaks, spills, and or drips will be identified. Regularly scheduled maintenance procedures will also help to assure that the equipment remains functional and thus the possibility of spills or leaks is further minimized.

Leaks, spills, and drips will be handled in accordance with OCD Rule 116 as follows:

Small spills will be raked out in place to allow for natural bio-remediation of the spilled material.

Large spills will be contained with temporary berms. Free liquids will pumped out by a vacuum truck. Any hydrocarbon liquids will be recycled. Residue from large spills will be cleaned up for off site disposal. If the soil is an "exempt" waste, the soil will be disposed at Envirotech or other OCD approved landfarm facility. If the soil is an "nonexempt" waste the soil will be characterized and disposed according to the analysis results.

Verbal and written notification of leaks or spills will be made to OCD in accordance with Rule 116.

All areas identified during operation as susceptible to leaks or spills win be bermed or otherwise contained to prevent the discharge of effluents.

EPFS personnel will carry oil absorbent booms in their trucks. The booms will be used as needed to contain any spills or leaks. The booms will be disposed according to OCD and NMED guidelines.

12. Site Geological/Hydrological Characteristics

The site is located in the San Juan River drainage basin, and within the west central portion of the San Juan structural basin. Topographic relief within 1 mile of the site is about 441 feet with elevations from 5880 to 6321 feet above sea level.

The area around the site is characterized by badlands topography, where numerous arroyos dissect easily eroded sandstone, mudstone and shale mesas. The average annual precipitation in the area is 6 to 10 inches. This area efforts native grasses and small shrubs.

GEOMORPHOLOGY AND SOILS

Site 2B-3A is at the bottom of a sloping terrace in the arroyo of an unnamed drainage basin. The surface slopes about 0 to 3 percent from the highest point, 5960 feet at the compressor site to 5880 feet off to the northwest of the site. Major soil associations in the area of the compressor site include the Badland and Riverwash series (USSCS, 1977). The Badland unit consists of non stony, barren shale uplands dissected by deep intermittent drainage ways and shales. The Riverwash unit consists of areas of unstabilized sandy, silty, clayey, or gravely sediment on flood plains, stream beds. and riverbeds in arroyos.

REGIONAL GEOLOGY

The compressor site is located within the west-central part of the San Juan Basin. The deepest portion of the basin contains up to 15,000 feet of Paleozoic and Mesozoic sediments (Fassett and Hinds, 1971). Tertiary and Holocene age rocks crop out in the immediate vicinity of the compressor site. The following geologic descriptions examine the different units from the oldest to the youngest.

Ojo Alamo - Beneath the plant the Paleocene Ojo Alamo Sandstone lies unconformably above the Cretaceous Kirtland Shale. The Ojo Alamo Sandstone is composed of interbedded sandstone, conglomerate sandstone, and shale. The massive sandstone beds are sheetlike and discontinuous, they merge with other sandstone sheets, or wedge out into shale beds. The shale beds maintain relative constant thickness. The unit varies from less than 20 feet to more than 400 feet thick throughout the basin. Channel deposits of 50 or more feet have cut into the base of the underlying Fruitland Formations. The sandstone accumulated in stream channels and the shales in overbank deposits of rivers in a broad, wet apron.

Nacimiento - The Paleocene Nacimiento Formation is conformable with the Ojo it is comprised of gray to yellowish and reddish claystone and mudstone beds, interbedded with bid gray or white lenticular sandstone beds. The clay component is described as "swelling" or "soapy." The formation contains significant amounts of carbonaceous material leaf impressions and coal indicating that it was deposited by streams under more humid conditions thin was the Ojo.

The Nacimiento varies from 400 to 800 feet in thickness and crops out in striking scarp or badlands exposures from the Colorado-New Mexico border southward across the San Juan River then southeastward to the point of Cuba Mesa and northward to the upper Rio Puerco valley north of Cuba.

Thick Quaternary deposits are restricted to the San Juan, Animas and La Plata Valleys. Thin alluvial deposits are found in some arroyos and thin eolian deposits cap some mesas.

LOCAL GEOLOGY

Site 2B-3A is located in an arroyo where Quaternary alluvium overlies the Tertiary Nacimiento and Ojo Alamo Sandstone. EPNG Angel Peak Water Well No. 10 is located approximately 3 miles west, in NW/4 NE/4, Sec. 26, T27N, R11W. The drillers log for this well reports that 1002 feet of sand clay, shale and minor sandstone in the Nacimiento Formation were encountered above the Ojo Alamo Sandstone.

HYDROLOGY AND GROUNDWATER QUALITY

A. Regional Groundwater Hydrology and Water Quality

Three major groundwater systems are present in the Cretaceous and younger-age sedimentary deposits of this area of the San Juan Basin (Stone et al 1983).

Confined aquifers within Cretaceous and Tertiary sandstone units.

Water-table aquifers in Cretaceous and Tertiary sandstone units near their outcrop areas; Water-table aquifers in Quaternary alluvium in river valleys and tributaries.

Cretaceous units - occurrence of groundwater resources associated with the Cretaceous units is a function of the distribution of sandstone beds within these units. Recharge is dependent upon outcrop distribution, elevation, climate of the outcrop area, lithologic characteristics of the unit and leakage from other units. Hydraulic conductivity is low due to the fine-grained textures characteristic of these sediments.

Groundwater quality in Cretaceous sandstone aquifers is controlled by several factors. Total dissolved solids (TDS) concentrations increase as a function of increasing groundwater residence time and reduced transmissivity of aquifer materials. Fresh water is associated with high transmissivity zones while saline water is associated with low transmissivity zones. Groundwater moving along the sandstone-shale interfaces common to these rocks tend to exhibit increased TDS concentrations (Stone, et. al, 1983). Water from these confined aquifers is suitable for stock and domestic use in some areas, although in most cases it is not considered a major source.

Tertiary units - groundwater occurrence in the Tertiary units is associated with the distribution of sandstone beds within these units. Recharge to groundwater is by infiltration through formation exposures along the flanks of the Nacimiento Uplift and on the broad plateaus that occur in the central part of the basin. The amount of recharge to Tertiary aquifers is higher than that of Cretaceous aquifers due to broader exposures in areas of high precipitation. Groundwater in these aquifers flows from upland recharge areas to discharge areas along canyon floors. Springs and seeps result due to regional topographic and geomorphic controls. The hydraulic conductivity of the tertiary sandstones varies significantly, as a function of grain size, sorting and cementation. The hydraulic gradient is controlled by topography but the structural attitude of the formations can alter the flow direction.

Tertiary sandstone aquifers have generally lower TDS concentrations than the Cretaceous aquifers (Stone et. al. 1983), and commonly provide major sources of water for domestic and agricultural usage. The complex intertonguing of sandstone and shale units is the primary influence on specific conductance, which can be as high as 10,500 μm/cm.

Quaternary Units - Quaternary age aquifers occur primarily as valley fill in the major river valleys and consist of gravel sand, silt and clay. In arroyos the groundwater quality and quantity is highly variable. Where available, water from this source is used for stock, irrigation and domestic purposes.

B. Local Groundwater Hydrology and Quality

According to topographic maps published by New Mexico Oil Conservation Division to support "Vulnerable Area Order", R-7940-C, Compressor Site 2B-3A is located at the edge of the expanded vulnerable zone, possibly overlying an alluvial aquifer.

The State Engineers Office and Stone et. al. (1983) reports no wells within one mile of Site 2B-3A. Twenty nine wells exist within a six mile radius of the plant.

The EPNG Angel Peak Compressor Station is located approximately 2 miles northeast. Here, three wells were drilled by EPNG between 1951 and 1953 and completed at 235 feet in the Nacimiento Formation. Two of these wells produced some water but were later abandoned due to poor water quality. The third well was sanded-in and never completed.

Three wells were drilled at the plant site in 1969. All of these wells were drilled into the Ojo Alamo formation to depths between 946 and 1066 feet. All produced some water, but none was ever completed because of the poor water quality encountered.

EPNG Well #10, is located in Sec. 26, T27N, R11W, on a mesa west of Kutz Canyon. This well is completed in the Ojo Alamo Formation and is used for the potable water supply for EPNG Angel Peak Compressor Station. The aquifer appears confined, because the top of the Ojo Alamo is reported to be 1002 feet, and static water level is reported to be 550 feet below the ground surface. The total dissolved solids reported from this aquifer was 510 ppm on 7/13/82.

Surface Water Hydrology and Flooding Potential

Compressor 2B-3A is approximately 500 feet east of an unnamed arroyo which drains into the Kutz Canyon. The site is approximately one half mile upstream from the confluence with Kutz Canyon. Kutz Canyon drains approximately 200 square miles and discharges into the San Juan River west of Bloomfield. Flooding potential from the San Juan River to the site is negligible because the plant is approximately, 11 miles south of and well outside of the floodplain of the San Juan River. In addition, the compressor site will be graded and bermed so that precipitation and runoff does not cause water to enter or leave the process areas and thereby reduce the potential for flooding at the site.

13. Closure Plan

All reasonable and necessary measures will be taken to prevent the exceedance of 20 NMAC 6.2-3103 water quality standards should EPFS choose to permanently close the facility. Closure measures will include removal or closure in place of all underground piping and equipment. All tanks will be emptied. No potentially toxic materials or effluents will remain on site. All potential sources of toxic pollutants will be inspected. Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and 20 NMAC 6.2-1203 will be made, and clean-up activities will commence. Postclosure maintenance and monitoring plans would not be necessary unless contamination is encountered.

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 7/30/98

or cash received on ______________ in the amount of $ 50.00

from EPNG

for Angel Peak 2B-3A (Facility Name) GW-153 (DP No.)

Submitted by: ______________ Date: ______________

Submitted to ASD by: R. Anderson Date: 10/30/98

Received in ASD by: ______________ Date: ______________

Filing Fee XR New Facility ____ Renewal ____

Modification ____ Other ______________ (specify)

Organization Code 521.07 Applicable FY 99

To be deposited in the Water Quality Management Fund.

Full Payment ____ or Annual Increment ____

THIS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOT

EL PASO NATURAL GAS COMPANY
P.O. Box 1492
El Paso, TX 79978

PAYABLE AT
CITIBANK DELAWARE
A Subsidiary of Citicorp
One Penn's Way
New Castle, DE 19720

DATE 07/30/98 [redacted]

VOID AFTER 1 YEAR

62-20/311

PAY AMOUNT
$50.00***

PAY: ****FIFTY AND XX / 100 US DOLLAR****

TO THE ORDER OF NMED WATER QUALITY MANAGEMENT

2040 S Pacheco
Santa Fe, NM 87505

H. Brent Austin
Authorized Signature

COPYBAN- ANTI-FRAUD PROTECTION - PATENTS 4,210,346; 4,227,720; 4,310,180; 5,197,765

[redacted]

Detach and retain for your records

Check Date: 07/30/98

EL PASO NATURAL GAS COMPANY

Refer Pmt Inquires to (915) 496-5354

Check No. [redacted]

Invoice Number	Invoice Date	Voucher ID	Gross Amount	Discount Available	Paid Amount
CKREQ980727	07/27/98	00043286	50.00	0.00	50.00

ANGELPEAK 2B-3A

GW-153

Vendor Number	Vendor Name		Total Discounts	
8000001207	Nmed Water Quality Management		$0.00	
Check Number	**Date**	**Total Amount**	**Discounts Taken**	**Total Paid Amount**
[redacted]	07/30/98	$ 50.00	$ 0.00	$50.00

FM SS0044 (REV. 10/94)

AFFIDAVIT OF PUBLICATION

No. 40091

STATE OF NEW MEXICO
County of San Juan:

DENISE HENSON, being duly sworn says: That she is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Wednesday, September 16, 1998

and the cost of publication is: $66.11

Denise Henson

On 9-16-98 DENISE HENSON appeared before me, whom I know personally to be the person who signed the above document.

Tammy Beck

My Commission Expires April 2, 2000.

COPY OF PUBLICATION

Legals

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-153) - EL PASO NATURAL GAS Company, 614 Reilly Avenue, Farmington, New Mexico 87401 has submitted a renewal application for the previously approved discharge plan for their ANGEL PEAK 2B3A COMPRESSOR STATION facility located in the SW/4 NW/4 of Section 20, Township 27 North, Range 10 West, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a total dissolved solids concentration of 3500 mg/l is stored in above ground steel tanks prior to offsite disposal at an OCD approved Class II injection facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 55 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 3rd day of September, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

/s/Roger C. Anderson
for LORI WROTENBERY,

Director

SEAL

Legal No. 40091, published in The Daily Times, Farmington, New Mexico, on Wednesday, September 16, 1998.

The Santa Fe New Mexican
Since 1849 We Read You

NM OCD
ATTN: SALLY MARTINEZ
2040 S. PACHECO ST.
SANTA FE, NM 87505

AD NUMBER: 45668 ACCOUNT: 56689
LEGAL NO: 64153 P.O.#: 9819900257
169 LINES 1 time(s) at $ 67.60
AFFIDAVITS: 5.25
TAX: 4.55
TOTAL: 77.40

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, B. Perner being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTE FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #64153 a copy of which is hereto attached was published in said newspaper 1 day(s) between 09/14/1998 and 09/14/1998 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 14 day of September, 1998 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 14 day of September A.D., 1998

Notary B Mathie

Commission Expires 3-13-2001

OFFICIAL SEAL
B MATHIE
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires:

NOTICE OF PUBLICATION

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 2049 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-153) - EL PASO NATURAL GAS Company, 614 Reilly Avenue, Farmington, New Mexico 87401 has submitted a renewal application for the previously approved discharge plan for their ANGEL PEAK 2B3A COMPRESSOR STATION facility located in the SW/4 NW/4 of Section 20, Township 27 North, Range 10 West, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a total dissolved solids concentration of 3500 mg/l is stored in above ground steel tanks prior to offsite disposal at an OCD approved Class II injection facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 55 feet with a total dissolved solids concentration or approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 3rd day of September, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
LORI WROTENBERY, Director

Legal #64153
Pub. September 14, 1998

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

September 9, 1998

Farmington Daily Times
Attention: Advertising Manager
Post Office Box 450
Farmington, New Mexico 87401

Re: Notice of Publication

Dear Sir/Madam:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

Immediately upon completion of publication, please send the following to this office:

1. ***Publisher's affidavit in duplicate.***
2. ***Statement of cost (also in duplicate).***
3. ***Certified invoices for prompt payment.***

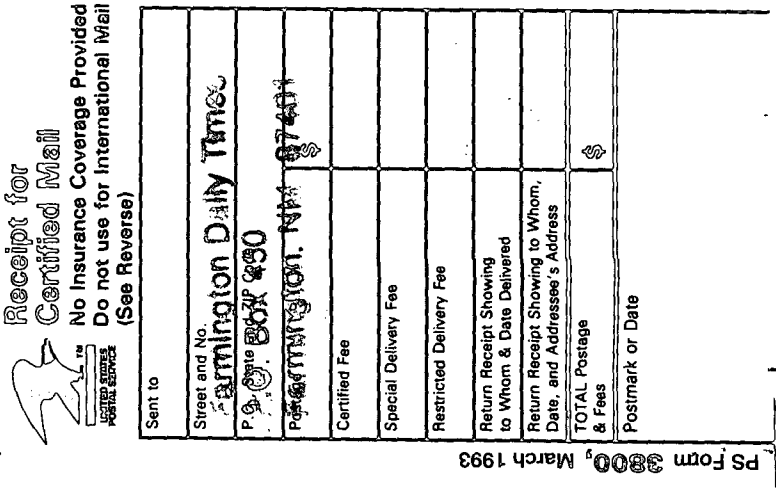
We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice no later than September 16, 1998.

Sincerely,

Sally Martinez
Administrative Secretary

Attachment



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

September 9, 1998

The New Mexican
Attention: *Betsy Perner*
202 East Marcy
Santa Fe, New Mexico 87501

Re: Notice of Publication
PO # 98-199-00257

Dear Ms. Perner:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

Immediately upon completion of publication, please send the following to this office:

1. ***Publisher's affidavit.***
2. ***Invoices for prompt payment.***

We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice no later than Monday, September 14, 1998.

Sincerely,

Sally Martinez

Sally Martinez
Administrative Secretary

Attachment

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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(GW-153) - EL PASO NATURAL GAS Company, 614 Reilly Avenue, Farmington, New Mexico 87401 has submitted a renewal application for the previously approved discharge plan for their ANGEL PEAK 2B3A COMPRESSOR STATION facility located in the SW/4 NW/4 of Section 20, Township 27 North, Range 10 West, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with a total dissolved solids concentration of 3500 mg/l is stored in above ground steel tanks prior to offsite disposal at an OCD approved Class II injection facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 55 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 3rd day of September, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

for LORI WROTENBERY, Director

SEAL

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 3rd day of September, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

for LORI WROTENBERY, Director

S E A L

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

July 30, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-869-998

Ms. Anu Pundari
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

RE: Discharge Plan GW-153 Renewal
El Paso Natural Gas Co. Angel Peak Compressor Station 2B3A
San Juan County, New Mexico

Dear Ms. Pundari:

On December 13, 1998, the groundwater discharge plan, GW-153, for the El Paso Natural Gas Company Angel Peak Compressor Station 2B3A located in the SW/4 NW/4 of Section 20, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. **The approval will expire on December 13, 1998.**

If the facility continues to have potential or actual effluent or leachate discharges and wishes to continue operation, the discharge plan must be renewed. **Pursuant to Section 3106.F., if an application for renewal is submitted at least 120 days before the discharge plan expires, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved.** The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether El Paso Natural Gas Company has made or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the **El Paso Natural Gas Company Angel Peak Compressor Station** is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $50.00 plus a flat fee equal to one-half of the original flat fee for compressor station facilities. The $50.00 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable.

Please make all checks payable to **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** (A copy of the discharge plan application form is enclosed for your use. A complete copy of the regulations is also available on OCD's website at **www.emnrd.state.nm.us/ocd/**).

If the El Paso Natural Gas Company Angel Peak Compressor Station no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If El Paso Natural Gas Company. has any questions, please do not hesitate to contact me at (505) 827-7152.

Sincerely,

Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/wjf

cc: OCD Aztec District Office

Z 357 869 998

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Anu Pundari	
Street & Number EPNG	
Post Office, State, & ZIP Code Farmington	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date GW-153	

PS Form 3800, April 1995

El Paso
Natural Gas Company

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

October 12, 1993

Mr. William LeMay
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504

CSE
2B

Subject : Angel Peak Compressor Stations Discharge Plans - Site 2B-3A and Site 3B-3B

Dear Mr. Lemay:

El Paso Natural Gas Company (EPNG) will be constructing two new compressor stations in late October of this year. The Angel Peak Compressor Site 2B-3A will be located in Letter C, NW/4, Section 20, T-27N, R-10W, San Juan County, New Mexico. The Angel Peak Compressor Site 2B-3B will be located in Letter E, NW/4, Section 8, T-27N, R-10W, San Juan County, New Mexico.

Due to scheduling and design modifications, a discharge plan could not be submitted at an earlier date. Therefore, EPNG requests a 120 days extension of the discharge plan requirements, as stated in WQCC Regulation 3-106.B.

The compressor stations will be constructed in late October and will be operating in early November. Two copies of the discharge plans will be sent to Mr. Chris Eustice in your Santa Fe office and one copy of the plan will be sent to Mr. Denny Foust in the NMOCD's Aztec Office.

Please give us permission to discharge without an approved discharge plan for a period not to exceed 120 days. If you have any questions, please call me at (505) 599-2176.

Sincerely,

Anu Pundari

Anu Pundari
Sr. Compliance Engineer

(with attachments)

cc: Mr.Chris Eustice (NMOCD - Santa Fe)
Mr. Denny Foust (NMOCD - Aztec)
Mr. David Hall (EPNG)
Mr. Ron Long (Energy Industries)
Mr. Ken Johnson (Meridian Oil, Inc.)

AFFIDAVIT OF PUBLICATION

No. 32526

STATE OF NEW MEXICO,
County of San Juan:

C.J. SALAZAR being duly sworn, says: "That she is the CLASSIFIED MANAGER of The Farmington Daily Times, a daily newspaper of general circulation published in English in Farmington, said county and state, and that the hereto attached LEGAL NOTICE

was published in a regular and entire issue of the said Farmington Daily Times, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for ONE consecutive (DAYS) (/////) on the same day as follows:

First Publication FRIDAY, NOVEMBER 12, 1993

Second Publication

Third Publication

Fourth Publication

and the cost of publication was $ 72.08

C J Salazar

On Dec 2, 1993 C.J. Salazar appeared before me, whom I know personally to be the person who signed the above document.

Jimmy Beck

Notary Public, San Juan County, New Mexico

My Comm expires: APRIL 2, 1996

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-153) - El Paso Natural Gas Company, Anu Pundari, Senior Compliance Engineer, P.O. Box 4990, Farmington, New Mexico 87499, has submitted a discharge plan application for their Angel Peak 2B3A Compressor Station located in the SW/4 NW/4 Section 20, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with total dissolved solids concentration of 3500 mg/l is stored in steel tanks prior to offsite disposal at an OCD approved Class II injection facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 55 feet with a total dissovled solids concentration of approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-154) - El Paso Natural Gas Company, Anu Pundari, Senior Compliance Engineer, P.O. Box 4990, Farmington, New Mexico 87499, has submitted a discharge plan application for their Angel Peak 2B3B Compressor Station located in the NE/4 NW/4 Section 8, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with total dissolved solids concentration of 3500 mg/l is stored in steel tanks prior to offsite disposal at an OCD approved Class II injection facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 150 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-155) - Williams Field Serices Company, Lee Bauerle, Environmental Specialist, P.O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their Aztec C.D.P. Compressor Station located in the SW/4 SW/4 Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 3 gallons per day of process wastewater with a total dissolved solids concentration of approximately 5000 mg/l is stored in above ground steel tanks prior to transpotation to an OCD approved offsite disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 380 feet with a total dissovled solids concentration of 3150 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Division at Santa Fe, New Mexico, on this 4th day of November, 1993.

STATE OF NEW MEXICO
OIL CONSERVATION DVISION
WILLIAM J. LEMAY, Director

SEAL

Legal No. 32526 published in the Farmington Daily Times, Farmington, New Mexico on Friday, November 12, 1993.

FILE COPY

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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(GW-154) - El Paso Natural Gas Company, Anu Pundari, Senior Compliance Engineer, P.O. Box 4990, Farmington, New Mexico 87499, has submitted a discharge plan application for their Angel Peak 2B3B Compressor Station located in the NE/4 NW/4 Section 8, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with total dissolved solids concentration of 3500 mg/l is stored in steel tanks prior to offsite disposal at an OCD approved Class II injection facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 150 feet with a total dissolved solids concentration of approximately 500 mg/L The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-155) - Williams Field Services Company, Lee Bauerle, Environmental Specialist, P.O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their Aztec C.D.P. Compressor Station located in the SW/4 SW/4 Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 3 gallons per day of proces wastewater with a total dissolved solids concentration of approximately 5000 mg/l is stored in above ground steel tanks prior to transportation to an OCD approved offsite disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 380 feet with a total dissolved solids concentration of 3150 mg/L The discharge plan addresses how spill,s leaks and other accidental dischargs to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge

STATE OF NEW MEXICO
County of Bernalillo ss

Paul D. Campbell being duly sworn declares and says that he is National Advertising manager of **The Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being on the 12 day of Nov., 1993, and the subsequent consecutive publications on _____, 1993

Paul D Campbell

Sworn and subscribed to before me, a notary Public in and for the County of Bernalillo and State of New Mexico, this 12 day of Nov 1993.

Bernadette Ortiz

12-18-93

PRICE $51.42

Statement to come at end of month.

CLA-22-A (R-1/93) ACCOUNT NUMBER C3484

EL PASO NATURAL GAS COMPANY

ANGEL PEAK COMPRESSOR STATION, SITE 2B-3A
DISCHARGE PLAN

RECEIVED
OCT 1 8 1993
OIL CONSERVATION DIV.
SANTA FE

Prepared for:

New Mexico Oil Conservation Division
September, 1993

El Paso Natural Gas Company
304 Texas Street
El Paso, Texas 79901
(915) 541-2600

ANGEL PEAK COMPRESSOR STATION, SITE 2B-3A
DISCHARGE PLAN

This Discharge Plan has been prepared in accordance with Oil Conservation Division " Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants ".

I. Type of Operation

El Paso Natural Gas Company (EPNG) proposes to install a 1085 Horsepower (site rated at 998 Horsepower) Caterpillar G3516 reciprocating engine and compressor . The compressor will compress approximately 7 MMSCFD of natural gas from a low pressure field line (2B-3, 250 psig maximum allowable operating pressure) to a high pressure line (6D-7, 500 psig maximum allowable operating pressure). The site is located approximately 19 miles south of Bloomfield , New Mexico.

El Paso Natural Gas Company is the owner of the compressor facility. The compressor portion of the facility will be operated by a contractor, Energy Industries (denoted below with *) The dehydration portion of the facility will be operated by Meridian Oil , Inc. (denoted below with **).

Major Operational : Components

Field Compressor consisting of

- a 1085 HP compressor (site rated at 998 HP) *
- one outlet triethylene glycol (TEG) dehydrator with regenerator heater and 200 gallon makeup TEG tank.**
- one 210 barrel oil storage tank ** (associated with dehydrator)
- one two phase inlet separator **
- one suction scrubber*
- one interstage scrubber *
- one fuel gas filter*
- one 500 gallon lubricating oil makeup tank *
- one fin fan cooler *
- one 300 gallon waste oil fiberglass reinforced plastic tank*
- one 62 barrel fiberglass reinforced plastic dehydrator blowdown tank **

II. Operator/Legally Responsible Party and Local Representative

Legally Responsible Party :

Mr. Larry R. Tarver
El Paso Natural Gas Company
P.O. Box 1492
El Paso , TX 79978
(915) 541- 5050

Local Representative:

Anu Pundari
El Paso Natural Gas Company
P.O. Box 4990
Farmington, NM 87499
(505) 599-2176

Compressor Operator:

Mr. Ron Long
Energy Industries
537 E. Animas
Farmington, NM 87401
(505) 326-6525

Dehydrator Operator :

Mr. Ken Johnson
Meridian Oil, Inc.
3535 E. 30th Street
Farmington, NM 87401
(505) 326- 841

III. Location of Facility

The proposed facility is located in Letter E, NW/4, Section 20, Township 27N, Range 10W, San Juan County, New Mexico. A topographic map is under Tab 1. The facility site plan is under Tab 5. From the intersection of Highway 64 and Highway 44 in Bloomfield, go approximately six miles towards Albuquerque on Highway 44. Then, turn left at the EPNG Angel Peak Compressor Station sign and go approximately six to seven miles on a dirt road to Angel Peak Compressor Station. From Angel Peak Compressor Station, an aerial photograph of the proposed site with roads giving access to the facility site is under Tab 6.

IV. Landowner

Bureau of Land Management
1235 La Plata Highway
Farmington, NM 87401
Attn: Mr. Mike Pool

V. Facility Description

A diagram of the facility indicating location of fences, pits, berms, and tanks on the facility is under Tab 5. The diagram depicts the location storage facilities, disposal facilities, processing facilities, and other relevant areas . The facility boundary is shown on the diagram.

VI. Sources, Quantities, and Quality of Effluent

Inlet Separator

A two phase inlet separator will separate the gas and liquids. A mixture of hydrocarbons and water will discharge to the inlet of the separator/treater. Approximately seventy to one hundred gallons per month will be discharged into the Separator/Treater. The Separator/Treater is part of the outlet dehydrator system discussed on Page 5. The exact volume of liquids will vary depending the quality of the gas.

Compressor

A 1085 HP (site rated at 998 HP) compressor will be installed on the site. The compressor is mounted on an econo-skid consisting of a built-in compressor pad with a non-permeable tray around the compressor unit to contain spills. The econo-skid will insure containment of drips, spills, and washdown from the unit.

The compressor will be installed in such a manner to ensure containment of drips, spills, and washdown water. Any spill or washdown water from cleaning operations will be contained and discharged into a 300 gallon FRP tank. The tank will be placed in an open pit. The tank will rest on a gravel pad at least one inch minimum thickness so that the entire tank is exposed to visually detect leaks. The tank will be covered with a FRP lid.

A. Washdown Water

The compressor will be washed every month with 30 gallons to 50 gallons of water. The washdown water will be discharged into the 300 gallon fiberglass reinforced plastic tank mentioned above through the econo-skid drain line. A nontoxic, biodegradable cleaner, SuperAll, will be used to clean the compressor unit.

B. Lubricating Oil, Waste Lubricating Oil and Used Engine Oil Filters

A 500 gallon elevated lubricating makeup oil tank will be placed south of the compressor. The tank will be bermed to contain one and one third times the volume of tank.

Energy Industries , a contractor for El Paso Natural Gas Company, is responsible for maintenance of its compressor and for removal of waste lube oil.

Waste lube oil will be generated at an expected rate of approximately 115 gallons per month. This oil will be drained into the same 300 gallon fiberglass reinforced plastic tank as the econo-skid. Waste oil generated by the compressor will be hauled from the site in accordance with OCD regulations and will be recyled. Energy Industries will be responsible for hauling and recyling the waste oil. Additional information is provided in the Effluent Disposal Section on Page 7.

One compressor oil filter will be replaced every month. Three engine oil filters will be replaced every month. The engine oil filters will be allowed to completely drain prior to disposal at Crouch Mesa Landfill.

C. Packing Vent Waste Oil

Waste oil will be generated at an expected rate of approximately 75 gallons per month through continuous blowdown from the compressor packing vent drain. The packing vent drain will discharge into the same 300 gallon fiberglass reinforced plastic tank as the econo-skid.

D. Fuel Gas Scrubber

The fuel will be supplied from the compressor discharge line. A fuel gas filter (Y strainer with a valve) will be at the inlet of the fuel gas line. The volume of liquid from the fuel gas filter is expected to be very small. Approximately one to five gallons per month of a mixture of hydrocarbons and water will discharge into the 300 gallon FRP tank. The volume of liquids will vary depending the quality of the gas.

The fuel gas filter will be replaced as needed depending on the quality of the gas. The fuel gas filter will be allowed to drain and will be completely free of any liquids prior to disposal at Crouch Mesa Landfill. Energy Industries will be responsible for disposal of the fuel gas filters.

E. Fiberglass Reinforced Plastic Tank - 300 gallon

In summary , the 300 gallon fiberglass plastic tank will contain the following:

- Approximately 30 to 50 gallons of washwater per month
- Approximately 115 gallons of used lube oil per month
- Approximately 75 gallons of waste oil per month from the packing vent drain
- Approximately 1 to 5 gallons per month from fuel gas filter drain

F. Engine Cooling Water

A thirty five gallon cooling water surge tank is located on the skid mounted compressor package. A mixture of propylene glycol and water will be used as cooling water. If it is necessary to drain the cooling water system for maintenance or repairs, the cooling water will be drained into steel drums or a small tank mounted on a pickup truck. After maintenance and/or repairs, the cooling water will be placed back into the cooling system.

G. Suction and Interstage Scrubber

A suction scrubber and interstage scrubber will be on the skid mounted compressor package. Both scrubbers will remove natural gas liquids. The volume of liquid from the

scrubber is expected to be very small. Approximately ten to thirty gallons per month of a mixture of hydrocarbons and water will discharge from the compressor scrubbers to the inlet of the three phase separator/treater (separator/treater is part of the dehydrator system). The volume of liquids will vary depending the quality of the gas.

Outlet Dehydrator

The dehydration portion of the facility will be operated by Meridian Oil , Inc. The dehydrator will be skid mounted and located to west of the compressor. The dehydrator consists of a filter separator, separator/treater, absorber, and regenerator. The dehydrator area will be bermed. There are four two inch drain lines and one oil dump line from the dehydrator system.

Four drainlines will discharge into a 62 barrel FRP tank. The tank will be placed in an open pit according to OCD guidelines. The tank will rest on a six inch high steel support frame so that the entire tank is exposed to visually detect leaks. The tank will be covered with a lid.

A 200 gallon elevated triethylene glycol makeup tank will be located west of the dehydrator. The tank will be bermed to contain one and one third times the volume of tank.

The four drain lines are described below:

- Regenerator - Triethylene Glycol Overflow Line - This line contains small quantities of triethylene glycol and water. Under normal operating conditions, there should be no discharge from this line. On occasion, due to mechanical problems, there may be a small amount of triethylene glycol and water discharged from this line into the 62 barrel FRP tank.

- Regenerator - Steam Vent Line from Still Column - This line contains water, trace quantities of triethylene glycol, and trace quantities of hydrocarbons. Less than one barrel per day will be discharged from this line into the 62 barrel FRP tank.

- Separator/Treater - Produced Water - This line contains saline water, trace amounts of hydrocarbons and trace amounts of triethylene glycol. It is estimated that approximately two barrels per day will discharge into the 62 barrel FRP tank.

- Separator/Treater - Backpressure Regulator Vent Line - This line contains saline water, trace amounts of hydrocarbons and trace amounts of triethylene glycol. It is estimated that approximately two barrels per day will discharge into the 62 barrel FRP tank.

Approximately one to two barrels per day will discharge into a 210 barrel above ground oil storage tank from the Separator/Treater oil dump line. A earthen berm will be constructed to contain at least one and one-third times the volume of the 210 barrel tank.

VII. Transfer and Storage of Process Fluids and Effluents

A. Summary Information

Source	Onsite Collection
Inlet Separator	Separator/Treater
Compressor	
Washdown Water	300 gallon FRP tank
Lubricating Oil Makeup	500 gallon aboveground storage tank
Waste Lube Oil	300 gallon FRP tank
Engine Oil Filters	Drum
Packing Vent Waste Oil	300 gallon FRP tank
Engine Cooling Water	Drums/Truck Mounted Tank
Suction and Interstage Scrubber	Separator/Treater
Fuel Gas Filter Strainer	300 gallon FRP tank
Fuel Gas Filter Element	Drum
Outlet Dehydrator	
Separator/Treater(Water)	62 BBL FRP tank
Separator/Treater(Oil)	210 BBL above ground steel tank
Regenerator	62 BBL FRP tank
TEG Makeup Tank	200 gallon

B. Water and Wastewater Schematic

A drawing denoting the wastewater system is in the schematic under Tab 5.

C. Specifications

Pipelines - All wastewater piping to the 300 gallon FRP and 62 barrel FRP are above ground and not pressurized. The suction scrubber and interstage scrubber discharge piping are below ground and pressurized to a maximum of 250 psig.

The piping from the inlet separator to the separator/treater is above ground. The normal operating pressure is 50 psig. The piping will be constructed to operate at a maximum of 250 psig working pressure

A portion of the wastewater piping from the outlet dehydrator separator/treater is below ground and a portion is aboveground. The drainlines to the 62 barrel FRP tank are above ground and are not pressurized. The oil dump line from the Separator/Treater is below ground and normal operating pressure is 30 psig.

D. Fluids Disposal and Storage Tanks

The hydrocarbons from the 300 gallon FRP, 62 barrel FRP, and 210 barrel above ground steel storage tank will be recycled. The water fraction from the three tanks will be separated and either discharged into a lined pond or disposed in a manner which meets OCD regulations. Additional information is provided in the Effluent Disposal Section below.

E. Prevention of Unintentional and Inadvertent Discharges

All storage tanks for fluids other than fresh water are bermed to contain a volume one-third more that the tank contents. All above ground tanks will be placed on a gravel pad or placed on an elevated stand so that leaks can be visually detected.

There will be no chemical or drum storage area. Drums utilized to contain engine cooling water, or waste oil will be removed from the site at the end of each working day. A copy of the Material Safety Data Sheets for triethylene glycol, lubricating oil, and SuperAll cleanser is under Tab 2.

F. Underground Pipelines

All wastewater underground piping carrying waste liquids will be hydrostatically tested at a minimum of three pounds over operating pressure for a minimum of four hours.

VIII. Effluent Disposal

Offsite Disposal

All liquids from this site will be handled in accordance with OCD and NMED regulations. Liquids from this site are expected to be discharged into two FRP tanks and one steel tank. All liquids will be removed from the site by either Energy Industries or Meridian Oil. All effluents will be recyled if possible.

Energy Industries will be responsible for liquids disposal from the 300 gallon FRP tank. They have the following hauling/disposal contracts:

Hauling Agent :	Mr. Don Davis
and Final	D & D Oil
Disposal	P.O. Box 670
	Bloomfield, NM 87413

D & D Oil has a recycling facility located at #10 County Road 5444. At the facility, oil and water is separated. The water is disposed at Basin Disposal, 6 County Road 5046, Bloomfield, N.M. 87413. The oil is sold to an oil recycler.

Meridian will be responsible for liquids disposal from the 62 barrel FRP tank and 210 barrel oil storage tank. They have the following hauling/disposal contracts:

Oil Hauling Agent : Meridian Oil Transportation Inc.
4551 Herrera Road
Bloomfield, NM 87413

Oil Final Disposal: Gary Refinery
89 Road 4900
Bloomfield, NM 87413

Water Hauling Agent: Three Rivers Trucking
603 E. Murray Drive
Farmington, NM 87402

or

Dawn Trucking
318 E. Highway 64
Farmington, NM 87402

Water Final Disposal: Meridian Oil
McGrath #4 Salt Water Disposal Facility Injection Well
Letter B, Section 34, Township 34N, Range 12W

IX. Inspection, Maintenance and Reporting

The site will be visited on a daily basis by Energy Industries employees. Each day the compressor and the 300 gallon FRP tank will be inspected for any leaks.

The site will be visited regularly by Meridian employees. Meridian will inspect the inlet separator, filter separator, separator/treater, absorber, and regenerator, 62 barrel FRP tank, and 210 barrel steel tank for any leaks or spills.

X. Spill/Leak Prevention and Reporting (Contingency Plans)

The compressor site will be graded and bermed so that precipitation and runoff does not cause water to enter or leave the process areas.

The dehydrator process area will be bermed so that precipitation and runoff does not cause water to leave the process area. The compressor area is equipped with a econo-skid so that any leaks or spills are contained. In addition, the 500 gallon lube oil storage tank, 210 barrel oil storage tank, and the 200 gallon triethylene glycol make-up tank will be bermed.

The 300 gallon FRP tank and 62 Barrel FRP tank will be set according to OCD guidelines so that the entire tank is exposed to visually detect leaks.

Since the site will be visited on a regular basis by EPNG's contractors, any leaks, spills, and or drips will be identified. Regularly scheduled maintenance procedures will also help to assure that the equipment remains functional and thus the possibility of spills or leaks is

further minimized. Energy Industries will notify EPNG Compliance upon discovery of any leaks which result in any soil contamination.

Leaks, spills, and drips will be handled in accordance with OCD Rule 116 as follows :

- Small spills will be absorbed with soil and shoveled into drums for off-site disposal. If the soil is an "exempt" waste, the soil will be disposed at Envirotech or other OCD approved landfarm facility. If the soil is an "nonexempt" waste the soil will be characterized and disposed according to the analytical profile.

- Large spills will be contained with temporary berms. Free liquids will pumped out by a vacuum truck. Any hydrocarbon liquids will be recyled. Any contaminated soil will be disposed as discussed in the paragraph above.

- Verbal and written notification of leaks or spills will be made to OCD in accordance with Rule 116.

- All areas identified during operation as susceptible to leaks or spills will be bermed or otherwise contained to prevent the discharge of effluents.

- Energy Industries personnel will carry oil absorbent booms in their trucks. The booms will be used as needed to contain any spills or leaks. The booms will be disposed according to OCD and NMED guidelines.

XI. Site Characteristics

The site is located in the San Juan River drainage basin, and within the west central portion of the San Juan structural basin. Topographic relief within 1 mile of the site is about 441 feet with elevations from 5880 to 6321 feet above sea level.

The area around the site is characterized by badlands topography, where numerous arroyos dissect easily eroded sandstone, mudstone and shale mesas. The average annual precipitation in the area is 6 to 10 inches. This area supports native grasses and small shrubs.

GEOMORPHOLOGY AND SOILS

Site 2B-3A is at the bottom of a sloping terrace in the arroyo of an unnamed drainage basin. The surface slopes about 0 to 3 percent from the highest point, 5960 feet at the compressor site to 5880 feet off to the northwest of the site. Major soil associations in the area of the compressor site include the Badland and Riverwash series (USSCS, 1977). The Badland unit consists of non stony, barren shale uplands dissected by deep intermittent drainage ways and gullies. The Riverwash unit consists of areas of unstabilized sandy, silty, clayey, or gravely sediment on flood plains, streambeds, and riverbeds in arroyos.

REGIONAL GEOLOGY

The compressor site is located within the west-central part of the San Juan Basin. The deepest portion of the basin contains up to 15,000 feet of Paleozoic and Mesozoic sediments (Fassett and Hinds, 1971). Tertiary and Holocene age rocks crop out in the immediate vicinity of the compressor site (Geologic Map under Tab 3). The following geologic descriptions examine the different units from the oldest to the youngest.

Ojo Alamo. Beneath the plant the Paleocene Ojo Alamo Sandstone lies unconformably above the Cretaceous Kirtland Shale. The Ojo Alamo Sandstone is composed of interbedded sandstone, conglomerate sandstone, and shale. The massive sandstone beds are sheetlike and discontinuous, they merge with other sandstone sheets, or wedge out into shale beds. The shale beds maintain relative constant thickness. The unit varies from less than 20 feet to more than 400 feet thick throughout the basin. Channel deposits of 50 or more feet have cut into the base of the underlying Fruitland Formations. The sandstone accumulated in stream channels and the shales in overbank deposits of rivers in a broad, wet alluvial apron.

Nacimiento. The Paleocene Nacimiento Formation is conformable with the Ojo Alamo. It is comprised of gray to yellowish and reddish claystone and mudstone beds, interbedded with buff, gray or white lenticular sandstone beds. The clay component is described as "swelling" or "soapy." The formation contains significant amounts of carbonaceous material, leaf impressions and coal indicating that it was deposited by streams under more humid conditions than was the Ojo Alamo.

The Nacimiento varies from 400 to 800 feet in thickness and crops out in striking scarp or badlands exposures from the Colorado-New Mexico border southward across the San Juan River then southeastward to the point of Cuba Mesa and northward to the upper Rio Puerco valley north of Cuba.

Thick Quaternary deposits are restricted to the San Juan, Animas and La Plata Valleys. Thin alluvial deposits are found in some arroyos and thin eolian deposits cap some mesas.

LOCAL GEOLOGY

Site 2B-3A is located in an arroyo where Quaternary alluvium overlies the Tertiary Nacimiento and Ojo Alamo Sandstone (Geologic Map under Tab 3). EPNG Angel Peak Water Well No. 10 is located approximately 3 miles west, in NWNE Sec. 26, T27N, R11W. The drillers log for this well reports that 1002 feet of sand clay, shale and minor sandstone in the Nacimiento Formation were encountered above the Ojo Alamo Sandstone.

HYDROLOGY AND GROUNDWATER QUALITY

A. Regional Groundwater Hydrology and Water Quality

Three major groundwater systems are present in the Cretaceous and younger-age sedimentary deposits of this area of the San Juan Basin (Stone et al, 1983):

Confined aquifers within Cretaceous and Tertiary sandstone units.

Water-table aquifers in Cretaceous and Tertiary sandstone units near their outcrop areas;

Water-table aquifers in Quaternary alluvium in river valleys and tributaries.

Cretaceous units. Occurrence of groundwater resources associated with the Cretaceous units is a function of the distribution of sandstone beds within these units. Recharge is dependent upon outcrop distribution, elevation, climate of the outcrop area, lithologic characteristics of the unit and leakage from other units. Hydraulic conductivity is usually low due to the fine-grained textures characteristic of these sediments.

Groundwater quality in Cretaceous sandstone aquifers is controlled by several factors. Total dissolved solids (TDS) concentrations increase as a function of increasing groundwater residence time and reduced transmissivity of aquifer materials. Fresh water is associated with high transmissivity zones while saline water is associated with low transmissivity zones. Groundwater moving along the sandstone-shale interfaces common to these rocks tend to exhibit increased TDS concentrations (Stone, et. al., 1983). Water from these confined aquifers is suitable for stock and domestic use in some areas, although in most cases it is not considered a major source.

Tertiary units. Groundwater occurrence in the Tertiary units is associated with the distribution of sandstone beds within these units. Recharge to groundwater is by infiltration through formation exposures along the flanks of the Nacimiento Uplift and on the broad plateaus that occur in the central part of the basin. The amount of recharge to Tertiary aquifers is higher than that of Cretaceous aquifers due to broader exposures in areas of high precipitation, Groundwater in these aquifers flows from upland recharge areas to discharge areas along canyon floors. Springs and seeps result due to regional topographic and geomorphic controls. The hydraulic conductivity of the tertiary sandstones varies significantly, as a function of grain size, sorting and cementation. The hydraulic gradient is controlled by topography but the structural attitude of the formations can alter the flow direction.

Tertiary sandstone aquifers have generally lower TDS concentrations than the Cretaceous aquifers (Stone et. al, 1983), and commonly provide major sources of water for domestic and agricultural usage. The complex intertonguing of sandstone and shale units is the primary influence on specific conductance, which can be as high as 10,500 um/cm.

Quaternary units. Quaternary age aquifers occur primarily as valley fill in the major river valleys and consist of gravel, sand, silt and clay. In arroyos the groundwater quality and quantity is highly variable. Where available, water from this source is used for stock, irrigation and domestic purposes.

A summary of the Mesozoic and Cenozoic Stratigraphy of the South Central San Juan Basin (after Thorn et al, 1990) is included here as a table.

B. Local Groundwater Hydrology and Quality

According to topographic maps published by New Mexico Oil Conservation Division to support "Vulnerable Area Order", R-7940-C, Compressor Site 2B-3A is located at the edge of the expanded vulnerable zone, possibly overlying an alluvial aquifer.

The State Engineers Office and Stone et al (1983) reports no wells within one mile of Site 2B-3A. Twenty nine wells exist within a six mile radius of the plant (Summary of Well Locations Figure and Table under Tab 4).

The EPNG Angel Peak Compressor Station is located approximately 2 miles northeast. Here, three wells were drilled by EPNG between 1951 and 1953 and completed at 235 feet in the Nacimiento Formation. Two of these wells produced some water but were later abandoned due to poor water quality. The third well was sanded-in and never completed.

Three wells were drilled at the plant site in 1969. All of these wells were drilled into the Ojo Alamo formation to depths between 946 and 1066 feet. All produced some water, but none was ever completed because of the poor water quality encountered.

EPNG Well #10, is located at (T-27-N, R-11-W, Sec 26), on a mesa west of Kutz Canyon. This well is completed in the Ojo Alamo Formation and is used for the potable water supply for EPNG Angel Peak Compressor Station. The aquifer appears confined, because the top of the Ojo Alamo is reported to be 1002 feet, and static water level is reported to be 550 feet below the ground surface. The total dissolved solids reported from this aquifer was 510 ppm on 07-13-1982.

XII. Surface Water Hydrology and Flooding Potential

Compressor 2B-3A is approximately 500 feet east of an un-named arroyo which drains into the Kutz Canyon. The site is approximately one half mile upstream from the confluence with Kutz Canyon. Kutz Canyon drains approximately 200 square miles and discharges into the San Juan River west of Bloomfield. Flooding potential from the San Juan River to the site is negligible because the plant is approximately 11 miles south of, and well outside of the floodplain of the San Juan River. In addition, the compressor site will be graded and bermed so that precipitation and runoff does not cause water to enter or leave the process areas and thereby reduce the potential of flooding at the site.

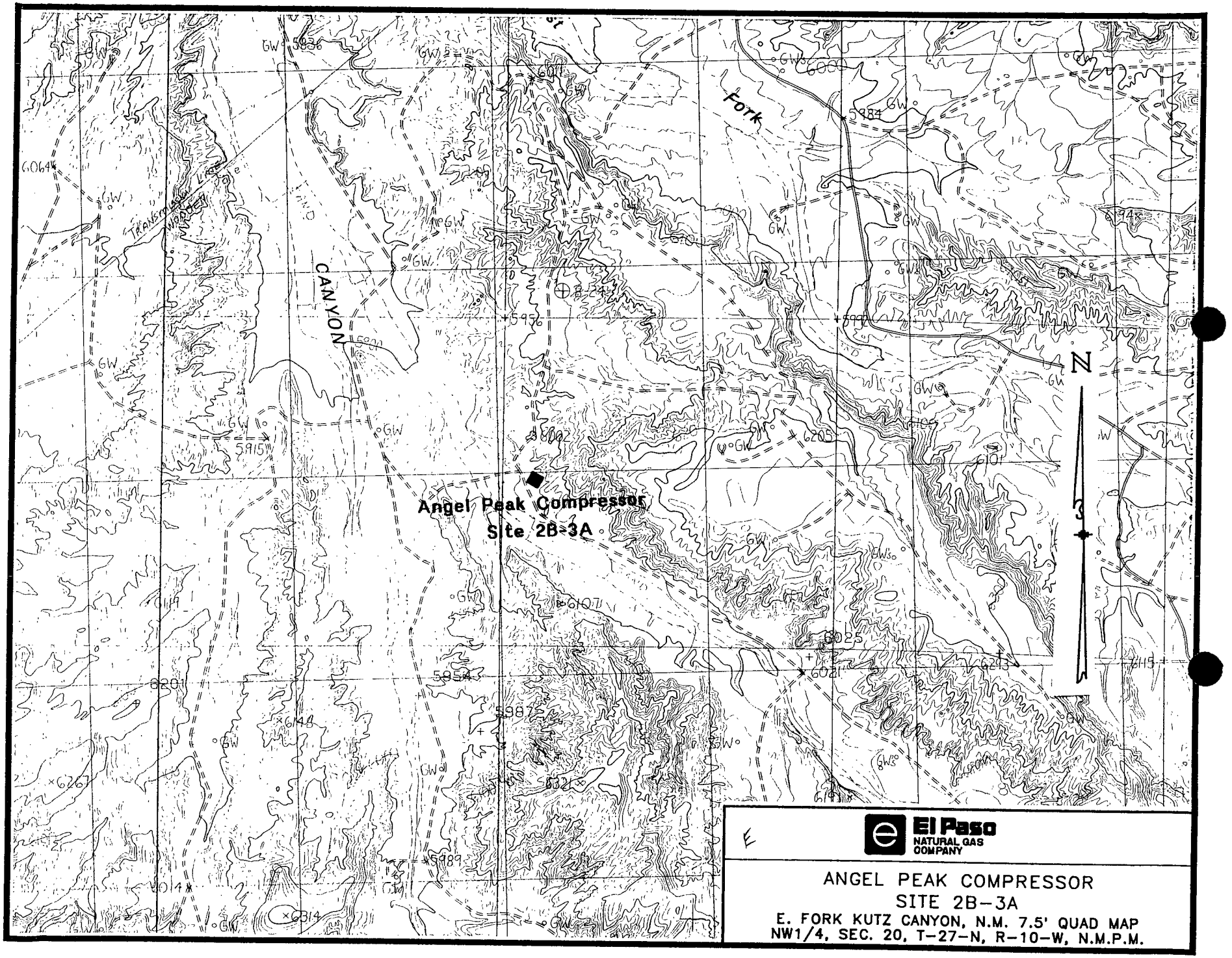
XIII. Affirmation

I hereby certify that I am familiar with the information contained in and submitted with this discharge plan for Angel Peak Compressor Station, Site 2B-3A, and that such information is true, accurate, and complete to the best of my knowledge and belief.

Anu Pundari
Signature

10/12/93
Date

Anu Pundari
Sr. Compliance Engineer


Fork
CANYON
TRANSWESTERN
Angel Peak Compressor
Site 2B-3A
N
El Paso
NATURAL GAS
COMPANY
ANGEL PEAK COMPRESSOR
SITE 2B-3A
E. FORK KUTZ CANYON, N.M. 7.5' QUAD MAP
NW1/4, SEC. 20, T-27-N, R-10-W, N.M.P.M.

DOW CHEMICAL U.S.A. MIDLAND MICHIGAN 48640 EMERGENCY PHONE: 517-636-4400

EFFECTIVE DATE: 11 JUN 81 PRODUCT CODE: 87792

PRODUCT NAME: TRIETHYLENE GLYCOL - TECHNICAL - (R) MSD: 0271

INGREDIENTS (TYPICAL VALUES-NOT SPECIFICATIONS)	%
TRIETHYLENE GLYCOL	99

SECTION 1 PHYSICAL DATA

BOILING POINT: 545.9F; 286C : SOL. IN WATER: COMPLETELY MISCIBLE
VAP PRESS: 1.0 MMHG @ 20C : SP. GRAVITY: 1.1 @ 25/25C
VAP DENSITY (AIR=1): 5.18 : % VOLATILE BY VOL: NOT APPLICABLE
APPEARANCE AND ORDER: COLORLESS LIQUID, MILD ODOR.

SECTION 2 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 350F; 177C : FLAMMABLE LIMITS (STP IN AIR)
METHOD USED: PENSKY-MARTENS C.C. : LFL: 0.9% UFL: 9.2%
EXTINGUISHING MEDIA: WATER FOG, ALCOHOL FOAM, CO2, DRY CHEMICAL.
SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: ----

SECTION 3 REACTIVITY DATA

STABILITY: ----
INCOMBATIBILITY: OXIDIZING MATERIAL.
HAZARDOUS DECOMPOSITION PRODUCTS: ----
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 4 SPILL,LEAK,AND DISPOSAL PROCEDURES

ACTION TO TAKE FOR SPILLS (USE APPROPRIATE SAFETY EQUIPMENT): FOR LARGE SPILLS, USE CONTAINMENT DIKE TO PREVENT WATER POLLUTION. RECOVER WITH VACUUM TRUCK. SMALL AMOUNTS CAN BE SOAKED UP WITH ABSORBENT MATERIAL AND SHOVELED INTO DRUMS. WASH DOWN REMAINING SMALL AMOUNT WITH WATER.
DISPOSAL METHOD: RECOVER LARGE QUANTITIES BY REPROCESSING OR BURN ACCORDING TO LOCAL LAWS.

SECTION 5 HEALTH HAZARD DATA

(CONTINUED ON PAGE 2)

DOW CHEMICAL U.S.A. MIDLAND MICHIGAN 48640 EMERGENCY PHONE: 517-636-4400

EFFECTIVE DATE: 11 JUN 81 PRODUCT CODE: 87792
PRODUCT (CONT'D): TRIETHYLENE GLYCOL - TECHNICAL MSD: 0271

SECTION 5 HEALTH HAZARD DATA (CONTINUED)

INGESTION: VERY LOW IN SINGLE DOSE ORAL TOXICITY.
EYE CONTACT: UP TO SLIGHT IRRITATION, NO CORNEAL INJURY LIKELY.
SKIN CONTACT: PROLONGED AND REPEATED CONTACT: SLIGHT IRRITATION.
SKIN ABSORPTION: NOT LIKELY TO BE ABSORBED IN TOXIC AMOUNTS.
INHALATION: NO GUIDE FOR CONTROL ESTABLISHED. LOW VOLATILITY AND HAZARD.
EFFECTS OF OVEREXPOSURE: ----

SECTION 6 FIRST AID--NOTE TO PHYSICIAN

FIRST AID PROCEDURES:

EYES: IRRIGATION OF THE EYE IMMEDIATELY WITH WATER FOR FIVE MINUTES IS GOOD SAFETY PRACTICE.
SKIN: CONTACT WILL PROBABLY CAUSE NO MORE THAN IRRITATION. WASH OFF IN FLOWING WATER OR SHOWER.
INHALATION: FAIREMOVE TO FRESH AIR IF EFFECTS OCCUR. CALL PHYSICIAN AND/OR TRANSPORT TO MEDICAL FACILITY.
INGESTION: LOW IN TOXICITY. INDUCE VOMITING IF LARGE AMOUNTS ARE INGESTED.

NOTE TO PHYSICIAN:
EYES: INJURY IS UNLIKELY. MAY CAUSE MILD IRRITATION.
SKIN: MAY CAUSE MILD IRRITATION. INJURY IS UNLIKELY. NOT LIKELY TO BE ABSORBED IN ACUTELY TOXIC AMOUNTS.
RESPIRATORY: LOW VOLATILITY.
ORAL: LOW IN TOXICITY.
SYSTEMIC: PROBABLY WOULD PRODUCE NO MORE THAN MILD ILLNESS WITH SPONTANEOUS RECOVERY. NO SPECIFIC ANTIDOTE. TREATMENT BASED ON SOUND JUDGMENT OF PHYSICIAN AND THE INDIVIDUAL REACTIONS OF THE PATIENT.

SECTION 7 SPECIAL HANDLING INFORMATION

VENTILATION: GOOD ROOM VENTILATION USUALLY ADEQUATE FOR MOST OPERATIONS.
RESPIRATORY PROTECTION: NONE LIKELY TO BE REQUIRED.
PROTECTIVE CLOTHING: CLEAN CLOTHING.
EYE PROTECTION: SAFETY GLASSES WITHOUT SIDE SHIELDS.

SECTION 8 SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: PRACTICE REASONABLE CARE TO AVOID EXPOSURE.

ADDITIONAL INFORMATION: 11 JUN 81 REVISIONS OF 31 MAY 78 — SECTIONS 5 AND 6.

(CONTINUED ON PAGE 3)

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 128-0072

Identity (As Used on Label and List)
SuperAll #38

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available the space must be marked to indicate that.

Section I

Manufacturers Name SuperAll Products, Inc.	Emergency Telephone Number (713) 445-7278
Address (Number, Street, City State, and Zip Code) P.O.Box 2954	Telephone Number for information (713) 445-7278
Spring, Texas 77383	Date Prepared June 29, 1992
	Signature of Preparer(optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
None Listed				

Note: OSHA T.L.V. N/D
ACGIH T.L.V. N/D

Section III - Physical/Chemical Characteristics

Boiling Point	212 F	Specific Gravity (H20) = 1)	1.056
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (butyl Acetate = 1)	1%

Solubility in Water
Complete

Appearance and Odor
Rose color; little or no odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LeL	UEl
(C.C.) No flash at boil	N/A	N/A	N/A

Extinguishing Media Non-flammable; used with inductor system,the material may be used as an extinguishing agent for A&B fires.

Special Fire Fighting Procedures
None

Unusual Fire and Explosion Hazards
None

Section V - Reactivity Data

Stability	Unstable	N/A	Conditions to avoid N/A
	Stable	X	

Incompatibility (Materials to Avoid)
Strong Acids

Hazardous Decomposition or Byproducts
None

Hazardous Polymerization	May Occur	N/A	Conditions to Avoid N/A
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (acute and Chronic)
Contact with eyes will result in irritation. Prolonged contact with skin may result in dryness due to removal of skin oil. Excessive breathing of airborne mists may result in irritation of nose, throat or upper respitory tract.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
No	No	No	No

Signs and Symptoms of Exposure
N/A

Medical Conditions
Generally Aggravated by Exposure
N/A

Emergency and First Aid Procedures
Skin-flush with water; eyes-flush with water for 15 minutes; ingestion drink large volumes of milk or other liquids, call physician if needed

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
Small spill-flush with water
Large spill-may be vacuumed and placed into closed containers for disposal

Waste Disposal Method
N/S Containers of waste must be disposed of in accordance with State, Federal and Local regulations.

Precautions to Be Taken in Handling and Storing
Hygienic practices in handling & storage. Store in closed containers away from strong acids.

Other Precautions
Do not store concentrate below 35 or above 130 degrees

Section VIII - Control Measures

Respiratory Protection (Specify Type)
None under normal use

Ventilation	Local Exhaust N/A	Special N/A
N/A	Mechanical (General) N/A	Other N/A

Protective Gloves	Eye Protection
For prolonged use to prevent skin drying	Safety goggles or face shield

Other Protective Clothing or Equipment
N/A

Work/Hygienic Practices
N/A

14AZ62A

Dear Customer: This Bulletin contains important environmental, health and toxicology information for your employees who recently ordered this product. Please make sure this information is given to them. If you resell this product, this Bulletin should be given to the Buyer. This Form may be reproduced without permission.

Chevron U.S.A. Inc.

Material Safety Data Sheet

Prepared According to the OSHA Hazard Communication Standard (29 CFR 1910.1200).
(Formerly Called MATERIAL INFORMATION BULLETIN)

CHEVRON Gas Engine Oil HDAX SAE 30 [redacted] **CPS 232373**

TYPICAL COMPOSITION

Highly refined base oils (CAS 64742-54-7, 64742-65-0, 64742-01-4, 64742-36-5)	>90%
Detergent, inhibitors, antiwear agent and zinc dialkyldithiophosphate (CAS 68649-42-3)	<10%

EXPOSURE STANDARD

No Federal OSHA exposure standard or ACGIH TLV has been established for this material. Based on information reviewed to date, we recommend an exposure standard of 5 mg/m^3. This is the Federal OSHA exposure standard and the ACGIH (1985-86) TLV for mineral oil mists.

PHYSIOLOGICAL & HEALTH EFFECTS	EMERGENCY & FIRST AID PROCEDURES
Eyes	
Expected to cause no more than minor eye irritation.	Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. If irritation persists, see a doctor.
Skin	
Expected to cause no more than minor skin irritation following prolonged or frequently repeated contact. See Additional Health Data.	Wash skin thoroughly with soap and water. Launder contaminated clothing.
Inhalation	
Not expected to be acutely toxic by inhalation. Breathing mineral oil mist at concentrations in air that exceed the recommended exposure standard can cause respiratory irritation or discomfort. See Additional Health Data.	If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues.
Ingestion	
Not expected to be acutely toxic by ingestion.	If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

ADDITIONAL HEALTH DATA

See Page 3.

SPECIAL PROTECTIVE INFORMATION

Eye Protection: No special eye protection is necessary.
Skin Protection: No special skin protection is necessary.
Respiratory Protection: No special respiratory protection is normally required. However, if operating conditions create airborne concentrations which exceed the recommended exposure standard, the use of an approved respirator is recommended.
Ventilation: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

FIRE PROTECTION

Flash Point: (COC)446°F)230°C) Min.
Autoignition Temp.: NDA
Flammability Limits: n/a
Extinguishing Media: CO_2, Dry Chemical, Foam, Water Fog
Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. See Hazardous Decomposition Products. Read the entire MSDS.

SPECIAL PRECAUTIONS

DO NOT weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently.

CAUTION! Do not use pressure to empty drum or explosion may result.

ENVIRONMENTAL PROTECTION

Environmental Impact: This material is not expected to present any environmental problems other than those associated with oil spills.
Precautions if Material is Released or Spilled: Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.
Waste Disposal Methods: Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

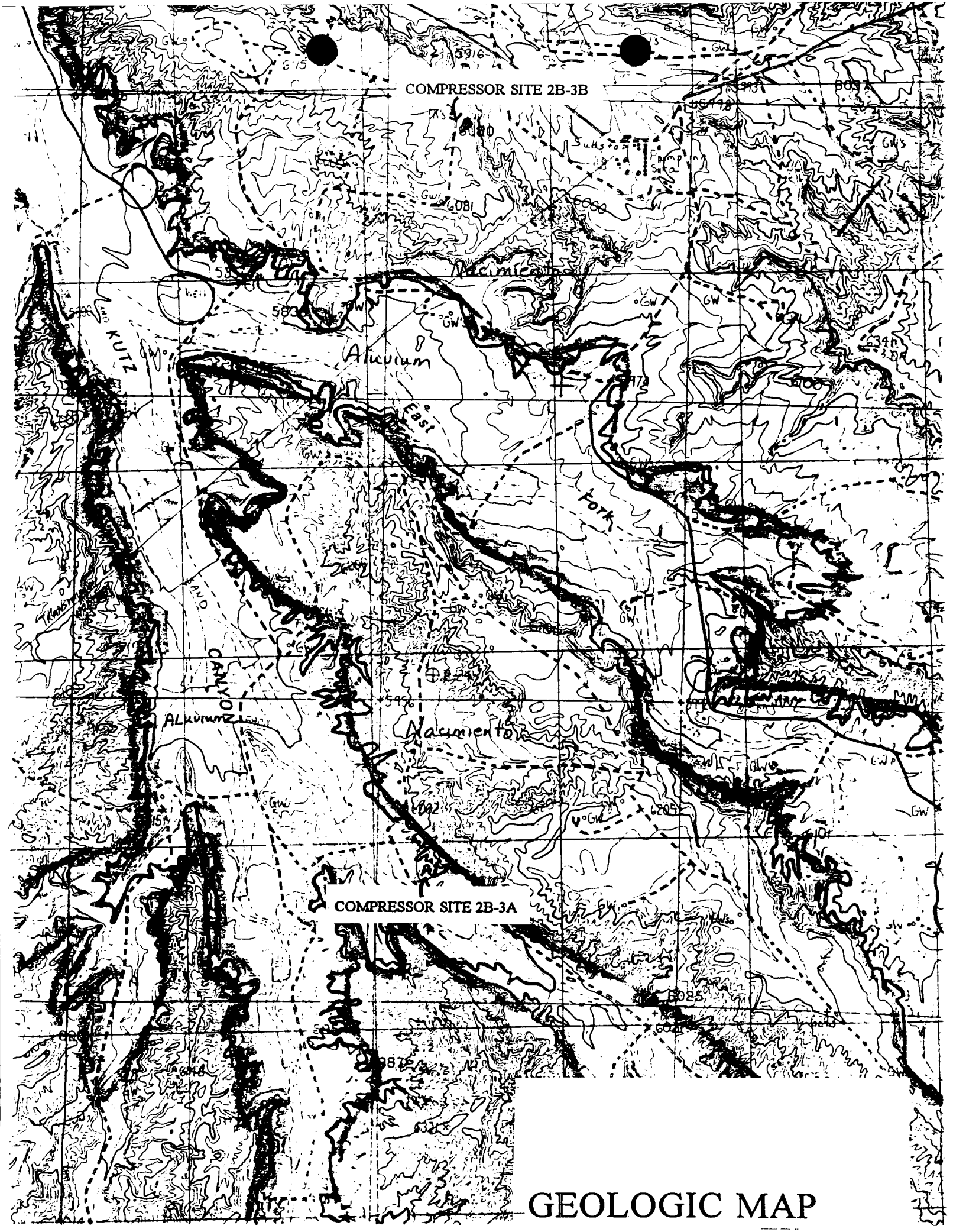
REACTIVITY DATA

Stability (Thermal, Light, etc.): Stable.
Incompatibility (Materials to Avoid): May react with strong oxidizing materials.
Hazardous Decomposition Products: Normal combustion forms carbon dioxide and water vapor and may produce oxides of sulfur, nitrogen and phosphorus; incomplete combustion can produce carbon monoxide.
Hazardous Polymerization: Will not occur.

PHYSICAL PROPERTIES

Solubility: Insoluble in water. Miscible with hydrocarbon solvents.
Appearance (Color, Odor, etc.): Amber liquid
Boiling Point: n/a
Melting Point: n/a
Specific Gravity: 0.89 @ 15.6/15.6°C
Vapor Pressure: n/a
Vapor Density (Air=1): n/a
Percent Volatile (Volume %): n/a
Evaporation: n/a
Pour Point: -18°C (-0.4°F) Max.
Viscosity: 12 cSt @ 100°C

n/a = Not Applicable
NDA = No Data Available

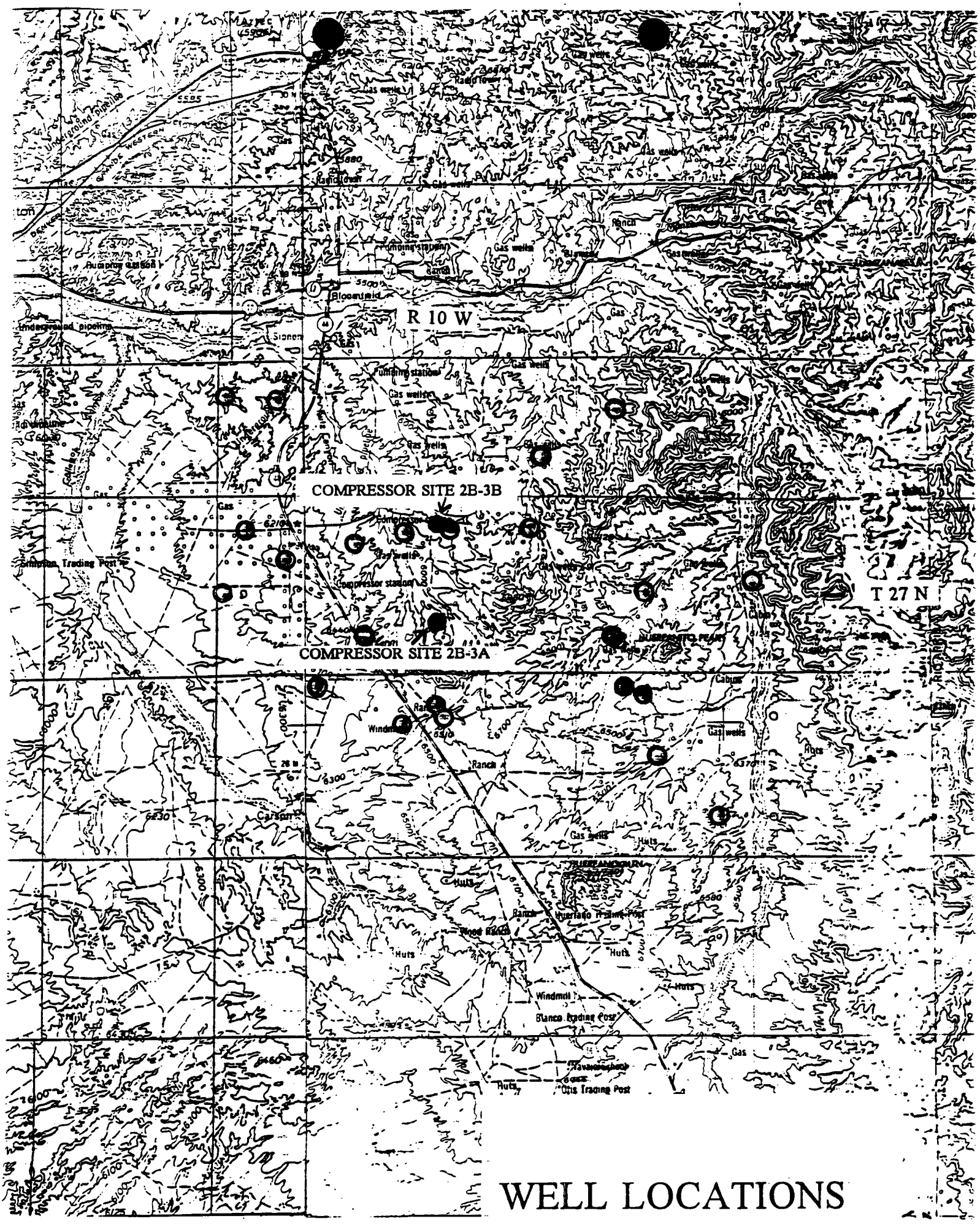


GEOLOGIC MAP

MESOZOIC AND CENOZOIC STRATIGRAPHY SOUTH CENTRAL SAN JUAN BASIN

(After Thorn et al, 1990)

CENOZOIC	QUATERNARY	Alluvium
	TERTIARY	San Jose Formation
		Nacimiento Formation
		Ojo Alamo Sandstone
MESOZOIC	CRETACEOUS	Kirtland Shale
		Fruitland Formation
		Pictured Cliffs Sandstone
		Lewis Shale
		Mesaverde Group
		Mancos Shale
		Dakota Sandstone
	JURASSIC	Morrison Formation
		Wanakah Formation
		Entrada Sandstone
	TRIASSIC	Chinle Formation



WELL LOCATIONS

Well ID	Date Drilled	T	R	Sec	Location	Ground Elevation (FEET)	Total Depth (Feet)	Depth To Water	Water Table Elevation (Feet)	Aquifer Name	Specific Conductivity (Micromho)	TDS (PPM)	Abandoned
EPNG PW-01	10-09-51	27N	10W	8	SW NE NE	5957.4	235	170	5787.4	Nacimiento			Y
EPNG PW-02	10-10-51	27N	10W	8	SW NE NE	5952	204	54.7	5897.3	Nacimiento			Y
EPNG PW-03	07-05-53	27N	10W	8	SW NE NE	5962	235	60	5902	Nacimiento			Y
EPNG TH-04	06-22-69						946	628		Ojo Alamo	2500	3200	Y
EPNG TH-05	08-18-69						970			Ojo Alamo			Y
EPNG TH-06	09-12-69						1066			Ojo Alamo			Y
EPNG PW-07	10-21-69	27N	10W	7	13222	5801	1738			Ojo Alamo			Y
EPNG PW-10	03-13-64	27N	11W	26	1195N 2540E	6437	1102	550	5435	Ojo Alamo	710	510	N
Armenta Canyon Spring	10-04-75	27N	10W	11	1244	6040				Nacimiento	2200		
Unknown	05-06-75	27N	11W	7	2232	6080		409	5671	Ojo Alamo			
EPNG Chaco	10-26-74	27N	11W	11	3	6140	695	685	5455	Ojo Alamo	1540	948	N
Gallegos	05-06-75	27N	11W	16	1434	6256					1790		
Gallegos	05-06-75	27N	11W	19	1132	6105					875		
Hill Top Liquor Store	12-04-64	27N	11W	26	4111	6450	1280	750	5700	Ojo Alamo	1060		
Tenneco	10-16-74	28N	10W	26	32	5800				Nacimiento	4580		
19T-521	03-?-75	28N	11W	17	4423	5680	370	238	5442	Ojo Alamo			
Donald Mangum	04-09-68	28N	11W	18	3121	5520	313	143.7	5376.3	Nacimiento	2510		
Unknown	05-08-75	26N	10W	7	3434	6457		221	6236		3250		
Brown Ranch	10-26-74	26N	10W	8						Nacimiento			
Brown Ranch	11-20-74	26N	10W	8	1241	6560		333	6227	Nacimiento	850		
Unknown	11-20-74	26N	11W	3	1433	6280		155.3	6124.7	Nacimiento	1720		
Munoz Canyon Windmill	11-18-74	28N	9W	20	1144	5812	110	79.6	5732.4	Nacimiento	6000		
Unknown		27N	9W	13	4314	5950					4800		
Jacques Canyon Windmill		27N	9W	21	1443	6210	65.64			Alluvium	870		
Jacques Canyon Windmill	11-20-74	27N	9W	29	3112	6326		56.5	6269.6	Nacimiento			
Unknown		26N	9W	4	3	6420	326	331	6089	Nacimiento	1440		
Windmill	11-20-74	26N	9W	5		6430		209.1	6220.9				
Sterling		26N	9W	16	4	6350	202						
EPNG Ballard #1	05-15-75	26N	9W	26	4212	6495	481	233.5	6261.5	Nacimiento	1150	820	N

Summary of Well Data Around Compressor Sites

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-153) - El Paso Natural Gas Company, Anu Pundari, Senior Compliance Engineer, P.O. Box 4990, Farmington, New Mexico 87499, has submitted a discharge plan application for their Angel Peak 2B3A Compressor Station located in the SW/4 NW/4 Section 20, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with total dissolved solids concentration of 3500 mg/l is stored in steel tanks prior to offsite disposal at an OCD approved Class II injection facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 55 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-154) - El Paso Natural Gas Company, Anu Pundari, Senior Compliance Engineer, P.O. Box 4990, Farmington, New Mexico 87499, has submitted a discharge plan application for their Angel Peak 2B3B Compressor Station located in the NE/4 NW/4 Section 8, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 2 gallons per day of process wastewater with total dissolved solids concentration of 3500 mg/l is stored in steel tanks prior to offsite disposal at an OCD approved Class II injection facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 150 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-155) - Williams Field Services Company, Lee Bauerle, Environmental Specialist, P.O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their Aztec C.D.P. Compressor Station located in the SW/4 SW/4 Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 3 gallons per day of process wastewater with a total dissolved solids concentration of approximately 5000 mg/l is stored in above ground steel tanks prior to transportation to an OCD approved offsite disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 380 feet with at total dissolved solids concentration of 3150 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Division at Santa Fe, New Mexico, on this 4th day of November, 1993.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

WILLIAM J. LEMAY, Director

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

October 22, 1993

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P-111-334-275

Ms. Anu Pundari
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

Site 2B-3B
CEE

Re: Angel Peak Compressor Station - Site 3B-3B
San Juan County, New Mexico

Dear Ms. Pundari:

The Oil Conservation Division (OCD) has received your request dated October 12, 1993 for a 120 day authorization to discharge without an approved discharge plan at the above referenced facility. The OCD has received your discharge plan application dated October 18, 1993, and is in the process of reviewing the application.

Pursuant to Section 3-106.B. of the New Mexico Water Quality Control Commission (WQCC) regulations and for good cause shown, El Paso Natural Gas Company is hereby authorized to discharge at the Angel Peak Compressor Station - Site 3B-3B, located in the SW/4 NW/4 Section 8, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico, without an approved discharge plan for 120 days. This authorization is granted to allow the OCD time to review the discharge plan application.

Please notify the OCD in writing when the facility commences operations. If you have any questions, please feel free to contact Chris Eustice at (505) 827-5824.

Sincerely,

William J. LeMay
Director

WJL/cee
xc:OCD - Aztec Office

LEGEND

GATHERING LINES NOT UNDER D.O.T. JURISDICTION

TRANSMISSION OR GATHERING LINES UNDER D.O.T. JURISDICTION

ROADS TO SITE (2B-3A)

WELL

O METER

DELIVERY POINT

CLASS LOCATION DATA

LINE NO.	O.D.	LINE DESIGNATION	BEGIN	END	CL. LOC.	METER NO.	LINE NO.	O.D.	LINE DESIGNATION	BEGIN	END	CL. LOC.	METER NO.

REVISIONS

NO.	DATE	BY	DESCRIPTION

ENGINEERING RECORD	
DRAWN BY	Aero Graphics
TRACED BY	
CHECKED BY	Aero Graphics
APPROVED	
DATE	
PHOTO DATE	
PHOTO RE CHECK	

0 1000 2000 3000
SCALE IN FEET

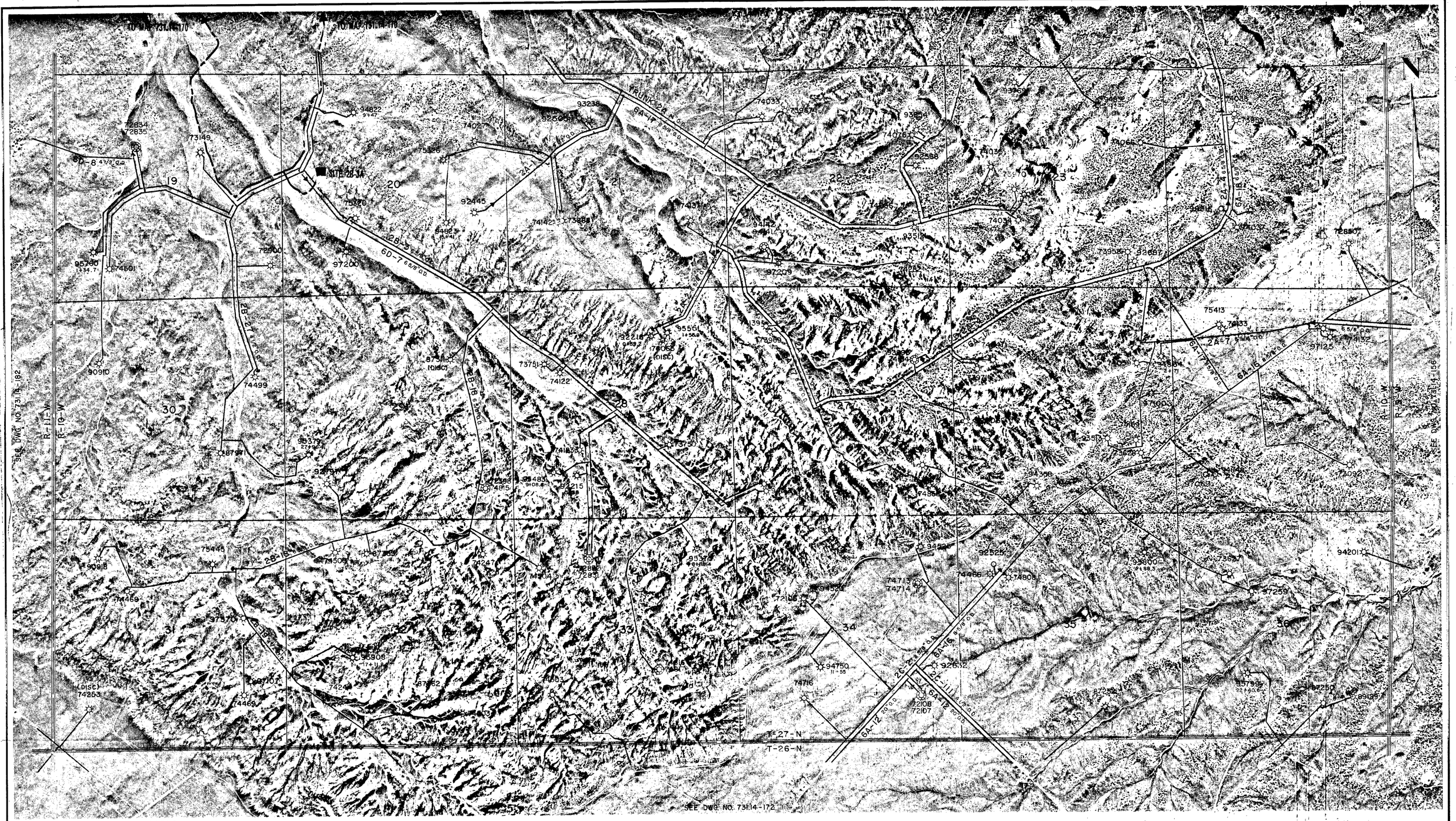
El Paso Natural Gas Company

ROADS TO ANGEL PEAK COMPRESSOR SITE 2B-3A

S/2 TWS. 27-N, RANGE 10-W
SAN JUAN COUNTY, NEW MEXICO

DWG. NO. 731.14-171

REV.



LEGEND

GATHERING LINES NOT UNDER D O T JURISDICTION

TRANSMISSION OR GATHERING LINES UNDER D O T JURISDICTION

ROADS TO SITE (2B-3A)

WELL METER DELIVERY POINT

CLASS LOCATION DATA

LINE NO	O.D.	LINE DESIGNATION	BEGIN	END	CL. LOC	METER NO

REVISIONS

NO	DATE	BY	DESCRIPTION

ENGINEERING RECORD

DRAWN BY	Aero Graphics
TRACED BY	
CHECKED BY	Aero Graphics
APPROVED	
DATE	
PHOTO DATE	
PHOTO RE CHECK	

El Paso Natural Gas Company

ROADS TO ANGEL PEAK COMPRESSOR SITE 2B-3A

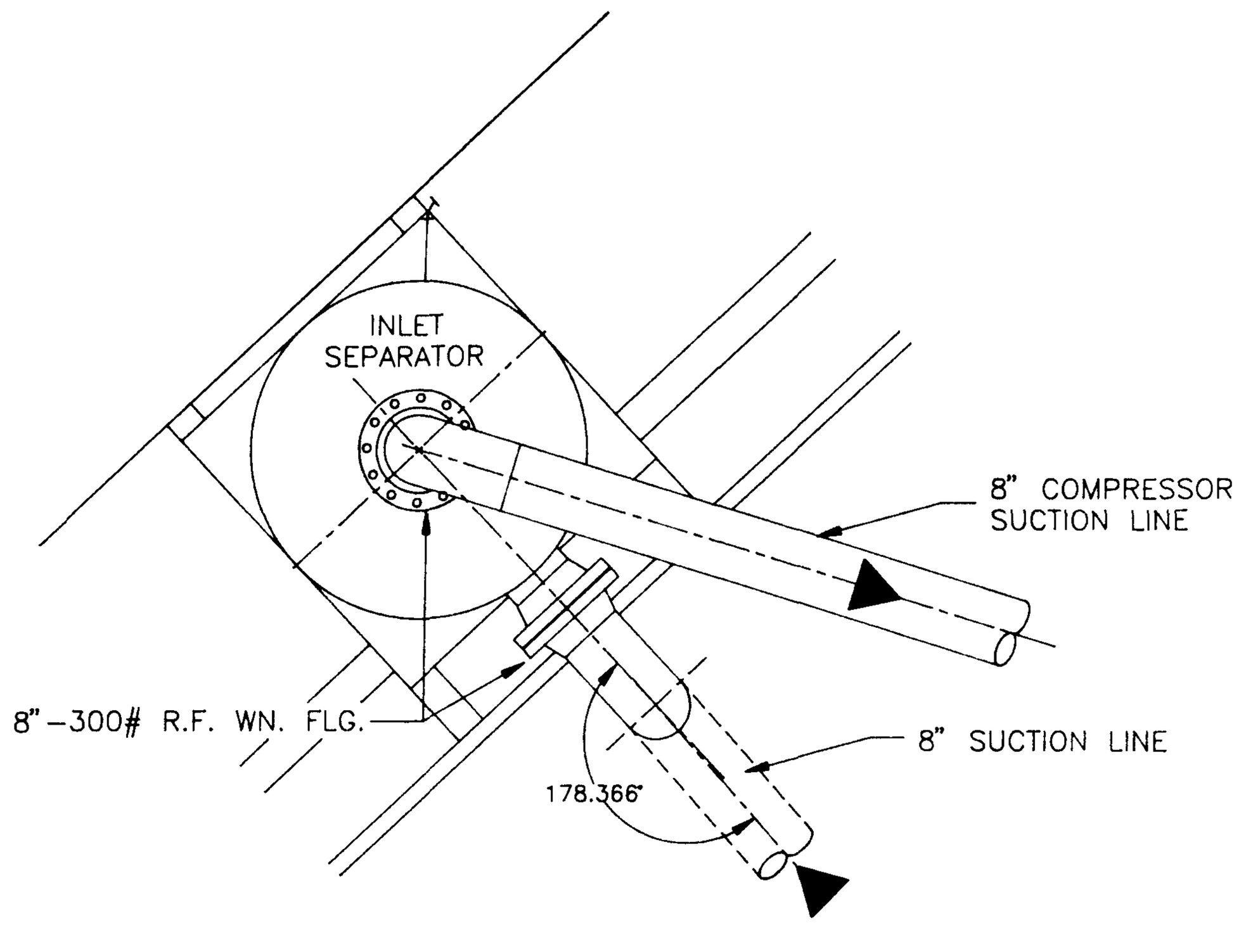
S/2 TWS. 27-N, RANGE 10-W
SAN JUAN COUNTY, NEW MEXICO

0 1000 2000 3000
SCALE IN FEET

DWG. NO. 731.14-171

REV.

DRAFTING BY AERO-GRAPHICS, INC
SALT LAKE CITY, UTAH



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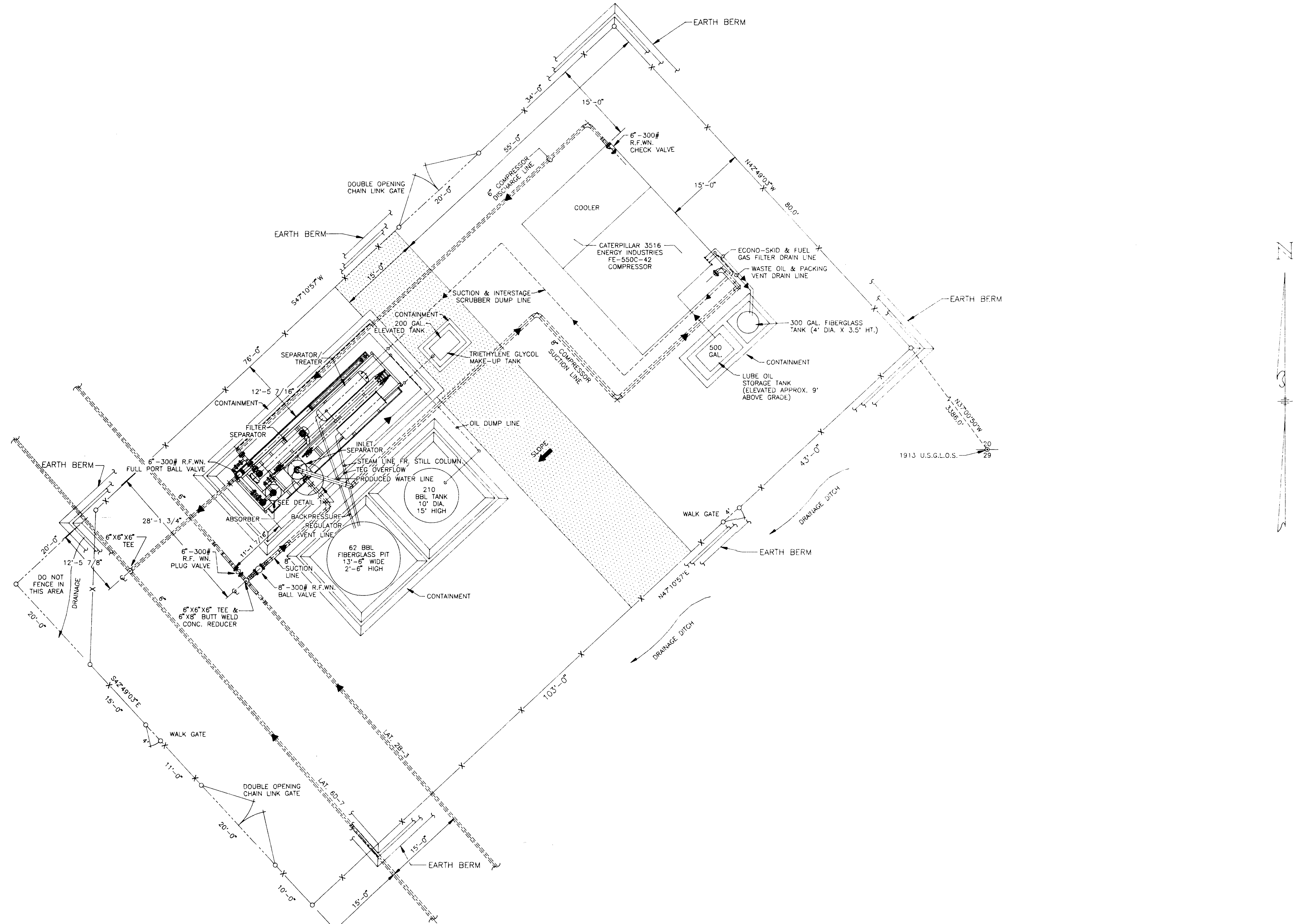

ENG. RECORD		DATE

ENG. RECORD		DATE
DRAFTING DESIGN	DW	9/08/93
COMPUTER AIDED DRAFTING	MD	9/10/93
CHECKED		
PROJECT APPROVAL		
DESIGN APPROVAL		
COMPUTER SAVE NAME	ANG006	

El Paso NATURAL GAS COMPANY

ANGEL PEAK COMP. SITE 2B-3A
SITE NO. 1 PLOT PLAN
SAN JUAN COUNTY, NEW MEXICO
SW1/4, SEC. 20, T-27-N, R-10-W, N.M.P.M.

SCALE: 1"=10' | W.O.: 10687 | DWG. NO. | REV.

DWG. NO.	TITLE
REFERENCE DRAWINGS	

NO	DATE	BY	DESCRIPTION	W.O.	APP.
REVISIONS					

PRT.	SEP.	DATE	TO	W.O.
PRINT RECORD				

FM9 (Rev. 3/12/91) LEGEND