

District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL

| | | |
|--|----------------------------|---------------------------|
| Operator Name and Address Concho Oil & Gas Corp 110 W. Louisiana, Suite 410 Midland, TX 79701 | | OGRID Number 193407 |
| | | API Number 30-25-36249 |
| Property Code 32251 | Property Name Harris 35 | Well No. 001 |

Surface Location

| UL or Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|-----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| I | 35 | 12S | 38E | | 1980 | S | 330 | E | Lea |

Proposed Pools

| |
|----------------------|
| BRONCO;WOLFCAMP 7600 |
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| | | | | |
|-----------------------|------------------------|-----------------------|-----------------------|--------------------------------|
| Work Type New Well | Well Type Oil | Cable/Rotary | Lease Type Private | Ground Level Elevation 3789 |
| Multiple N | Proposed Depth 9300 | Formation Wolfcamp | Contractor | Spud Date 4/30/2003 |

Proposed Casing and Cement Program

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 17.5 | 13.375 | 48 | 400 | 350 | 0 |
| Int1 | 12.25 | 8.625 | 32 | 2500 | 1500 | 1500 |
| Int2 | 11 | 8.625 | 32 | 4500 | 1500 | 1500 |
| Prod | 7.875 | 5.5 | 17 | 9300 | 800 | 4000 |

Casing/Cement Program: Additional Comments

Dr 17-1/2 hole to 400 w/ fr wtr. Set csg & cmt to surface w/ 350 sx Cl C + add. NU ann prev & test annulus & csg to 1000#. Dr 12-1/4 hole to 2500 w/ fr br wtr. Drill 11 hole w/ br wtr mud to 4500. Set csg & cmt w/ 1500 sx Cl C + add. NU 3000# BOP & test. Dr 7-7/8 hole w/ cut br to 8500. Mud up w/ starch & salt gel @ 8500 & dr to 9300. Set csg & cmt to 4000 w/ 800 sx H + add.

Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Annular | 3000 | 1500 | |
| Double Ram | 3000 | 3000 | |

| | | | |
|--|--|--|----------------------------|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | | OIL CONSERVATION DIVISION | |
| Electronically Signed By: Erick Nelson | | Electronically Approved By: Chris Williams | |
| Title: Sr. Engineer | | Title: District Supervisor | |
| Date: 4/16/2003 | | Approval Date: 4/17/2003 | Expiration Date: 4/17/2004 |
| Phone: 915-683-7443 | | Conditions of Approval: No Conditions | |

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---------------------------|--|-------------------|
| API Number 30-25-36249 | Pool Name BRONCO;WOLFCAMP | Pool Code 7600 |
| Property Code 32251 | Property Name Harris 35 | Well No. 001 |
| OGRID No. 193407 | Operator Name Concho Oil & Gas Corp | Elevation 3789 |

Surface And Bottom Hole Location

| | | | | | | | | | |
|--------------------------|---------------|-----------------|--------------|--------------------|-------------------|---------------|------------------|---------------|---------------|
| UL or Lot I | Section 35 | Township 12S | Range 38E | Lot Idn | Feet From 1980 | N/S Line S | Feet From 330 | E/W Line E | County Lea |
| Dedicated Acres 31.69 | | Joint or Infill | | Consolidation Code | | Order No. | | | |

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OPERATOR CERTIFICATION

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

Electronically Signed By: Erick Nelson

Title: Sr. Engineer

Date: 4/16/2003

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Electronically Signed By: V. L. Bezner

Date of Survey: 3/31/2003

Certificate Number: 7920

APD Comments

Operator: 193407 Concho Oil & Gas Corp

Well: Harris 35 001

| User Name | Comment | Comment Date |
|-----------|---|--------------|
| DMULL | You picked the wrong pool for this location. The correct pool is Bronco Wolfcamp. Pool code is #7600. | 4/17/2003 |